## PRODUCT

AME OF THE MEDICINAL PRO-adults? 100 mg/20 mg Bri-cataled adults? 200 mg/20 mg Bri-cataled hards 200 mg/20 mg Bri-cataled hards 200 mg/20 mg Bri-cataled hard 100". LINEAL FARTY EINEAL FARTY EINEAL FARTY

Therapeutic indications Galetra is indicated in combine ment of human immunodelica above the acce of 2 years. r experienced HW-1 infected patie

doing physical (2) parts of app and above). We addit does of Kalets tablets (400 wood addy may be used in chatters 40 kg or greater or with a Body Sadeca has parter than 1.4 m. For children walks plants than 40 kg or gradies of tablets 1.4 m? and able to marklow bablets, white to the doarng guideline tablets bables. The "Apprendix tables to marklow bablets, white to the doarng guideline tables bables. The "Apprendix tables to marklow bablets, white to the doarng subdeline tables bables. The "Apprendix tables to bable doard or we have the solution." Before prescribing Keletra 100/25 mg tablets, infants and young cl seared for the ability to revealow infact tablets. If a child is unable Keletra tablet, Keletra cral solution formulation should be prescribed

ele containe dosing guidelines for Pacchatric dosing gu ma (m) Paccommander n. Paccommander n. 2 tables (20050 ) 3 tables (20075 ) 4 tables (20075 ) 4 tables (20075 ) 14 tables (20075 ) 14 tables (20075 ) 14 tables (20075 ) 14 tables (20075 ) 15 ratio with the Nales (20055 ) ratio with the Nales (20055 )

J (Height (cm) X Weight (kg) / 3000)
acc than 2 years of age: the safety arc arc have not been established. But no

Nepatic impairment in HV-intected patients with mild to moderate hepatic impairs an increase of approximately 20% in lopinavir exposure has been observed but is expected to be of circial relevance. No data are available in patients with severe hep invarienced. Nuclears and increase hepatient hepatients with severe hep

Renal impairment: since the renal clearance of inpinaul: a massed plasma concentrations are not expected in patients cause lipinaul: and ritomark are highly protein bound, it is un methic semant to transmotifiation or understand relation where a better and the set of the

product class	within class	
Concomitant me	dicinal product leve	sit increased
Apha,-adreno- mosplor antago- rist	Alluzosh	Increased plasms concentrations of alfuzosin which may lead to servers hypotension. The concombert administration with alfuzosin is contraindicated (see section 4.5).
Aetanthymics	Amiodarone	Increased plasma concentrations of amiodarone. Thereby, increasing the risk of anthythmias or other serious adverse reactions.
Artbiotic	Pusidic Acid	Increased plasma concentrations of fusidic acid. The concombant administration with fusidic acid is contraindicated in dermatological infections. (see section 4.5).
Arthistarrines	Aztemizole, terlenadine	Increased plasma concentrations of asternacie and technodine. Thereby, increasing the tak of serious anti-ythmiae from these agents.
Artipsycholics/ Neuroleptics	Pimozide	Increased plasms concentrations of pirrozide. Thereby, increasing the risk of serious basma- tologic abnormalities, or other serious adverse effects from this assert.
	Quefapine	Increased plasms concentrations of quetiapine which may lead to come. The concomitant administration with quetiapine is contraindicated (see section 4.5).
Ergot alkaloids	Dihydroer- gotamina, ergotamina, ergotamina, methyler- gonovine	Increased plasma concentrations of ergot detv- atives leading to acute ergot toxicity, including vaccepaam and lachaema.
Gi motility agent	Cleapride	Increased plasma concentrations of cleapride. Thereby, increasing the risk of serious antrythmi- as from this agent.
HMG Co-A Reductase Inhbitors	Lovastafin, simvastafin	Increased planma concentrations of lovastatin and simvastatin; thereby, increasing the risk of myopathy including thabdomyolysis (see section 4.5).
Phosphod- esterase (PDE5) inhibitors	Aorafi	Increased plasma concentrations of avaral (see sections 4.4 and 4.5)
motori	Sidenali	Contraindicated when used for the treatment of pulmorary antimilitypertreation (FMA) only. Increased plasms concentrations of tablenall. Thenky, increasing the polential for alidense 9-associated adverse events (which include hypotennics and syncope), case section 4.4 and auction 4.5 for co-administration of alidenall in patients with exercition,
	Vardenafi	Increased plasma concentrations of varianali (see sections 4.4 and 4.5)
Sectatives hyp- notics	Oral midszolam, triszolam	Increased plasms concentrations of oral mida- zolam and thacolam. Thereby, hosesaing the first of extreme senation and mapinaloxy depression from these agents. For caution on parenteelly administered mida- zolam, see accion 4.5.
		cluct level decreased
Herbal products	9. John's wort	Netsal preparations containing 52 John's wort (r)(pericum pertostum) due to the risk of decreased plasma concentrations and reduced chrical effects of loginavir and ritomavir (see

dirical effe section 4.5

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success 4 Phierts with pre-existing liver dysfunction including prioritic hepatitis have an increased lequency of liver function showmilias during combinition antientoxial therapy and should be monitored according to standard practice. If there is exidence of womening wird dease in such patients, information or discontinuation of humanet should have one. reled transaminases with or without elevated bilisbin levels have been re 1 mono-intected and in individuals treated for poot-exposure prophylaels as age after the initiation of opinwichtlonavir in conjunction with other antinetroviro In some cases the hepatic dysfunction was serious. Spopprish abcoatary leading should be concluded prior to initialing therapy with tophose them and cases motioning should be provided during therapy in the phose series of the series of the result cleanor of clopinate and rithware's a negligible, in series of pairs and cleanor of the phose and cleanor of the series and returne's series of the series of the result of the series of the serie sectamizer of action had not been acticitated. I teerorphilic patients should hereifore to add severe of the possibility of increased belongs. Sector additional and a sector additional and additional territy is to be parformed total columnities and regionantics. Typicando and columnities that the concentration total columnities and regionantics. Typicando and columnities that parformed participations are additional to the sector additional territy is to be parformed participations and the sector additional territory and the parformant participation and the sector additional territory and the participation of the participation and the sector additional territory and the participation and the territory and the participation and the sector and the Disc Color Additional territory and information on participation territory and the participation and the sector and the Disc Color Additional territory and the territory and territory and the participation territory and the territory and the territory territory territory and the territory and territory territory and territory territory and territory and territory and territory and territory territory and t The state of the s Is a particulation in the considered if clinical symptoms (nauses, vomiting, abdominal pair) rathommatilise in balonatory values (such as increased serum ispace or ampliase values aggestive of parcenditis should occur. Patients who which there agains or symptoms hold be evaluated and Kaletra therapy should be surpanded if a diagnosis of pance-tis is made.

Autoimmune deorders jouch as Graves' deeseej to eiting of immune reactilation; however, the report can occur many months after initiation of teatment.

dementation boogh the default of the multificational (including contractivers) and do comunitation, service immunosa appearance, higher local, maas index, cases of on-servation in two loans reported particularly in patients with strategication (HV-default of a self-medical addres of they experience joint actives and pain, joint attracts follow or neurosement. Laby a constraints where the same theorem is cause modest asymptomatic prolongation interval in some healthy adult adults. Here reports of  $2^{-1}$  or  $2^{-1}$  degree attement is practical to the interval interval adult adults and the same and one-existing conduction is abnormalised or in patients modeling drugs known to prolong the PD Interval to adult or adult have been monored in patients modeling drugs known to prolong the PD Interval to adult of adults. Galate contains tophose and itomak, both of which are inhibitors of the P450 loofern 7/P3A. Naten is leasy to increase plasma concentrations of medicinal products that are primally instaloaded by C/P3A. These increases of plasma concentrations of co-admin atend medicinal products could increase or prolong their therapeutic effect and adverse senter. ents. proceeding administration with co-imment, should be suroided. In combination of Kaleba with: tackalit, indicated for the teathy mended; fastice acid in ontex-articular rite salmeterol is not recommended. hypertension, is not recom

extended and the second of Kaletra and fulfications or other glucocorricoids that an h as budscride, is not recommended unless the poter ghs the risk of systemic conficceteroid effects, includer of all suppression.

The next determinal approximation. The second secon Relate has been shown in site to induce its own metabolism a tomation of some medicinal products metabolised by cytochro org CYPACIB and CYPACIB) and by glucuansidesion. This ma concentrations and potential decrease of effaces of co-service contrations and potential discusses of efficacy of co-administered medi-dicinal production that was controllectuated specifications (which was been used traction and potential for serious adverse events are listed in section 4.3 retraction studies, when otherwise not stated, were performed using XX retraction studies, when otherwise not stated, were performed using XX in the plane are approximately 2XI's lower exposure of optimal time 2XI.

Effects on drug levels Geometric Mean Change (%) in AUC, C, C	Clinical recommendation concern- ing co-administration with Kaletra
Mechanism of Interaction	
star	
de revense hanscriptione	hhbiox (NRTu)
Lopinavir: +++	No dose adjustment necessary.
Abacavit, Zidovudine: Concentrations may be reduced due to increased glucurori- dation by Raletra.	The cirical significance of reduced abacant and zidovudine concentrations is unlencers.
Tanobvic AUC: 1 32% Guil: ** Guil: 1 51% Lopinavic ***	No dose adjustment necessary. Higher tenolovir concentrations could potentiale tenofovir associated adverse events, including renal disorders.
	es (WARTE)
Lopinavi: AUC: 4 20% C: 4 12% C: 4 42%	The Kaletra tablets dosage should be increased to 500/125 mg twice dely when co-administered with elsavienz. Kaletra must not be administered once daily in combination with elsavienz.
Lopinavir: *** Relative to 400/100 mg BID administered alone)	day in comprision with ensuring.
	Invelie Gesenstric Mean Change (%) in Albert, Eur., Co., Mechanism of Information dr dr. Nonese Instructures Constructions Const

Nevinpine, 200 mg BID	Lophnule: AUC: 4 22% Con: 4 19% Con: 4 51%	The Kaletra tablets domage should be increased to 500/125 mg twice daily when co-administrend with nevinghis. Kaleta must not be administered once daily in combination with nevinghins.
Maraviroc	Maravitoc: ALC: 1 220% C_: 1 27% Due to C/P3A Inhibition by kpinawit/ ritonavit.	The dose of manavico: should be decreased to 150 mg twice daily during co-administration with Kaletis 400°100 mg twice daily.
Integrane inhibitor Rahagowin	Rahageavir: AUC: *** Gui: ** Cu: * 32% Lopinali: ***	No does adjustment recessary
Co-administration According to curren generally not recom- ficuancy not recom- ficuancy of the current (NO1100 mg BID) cr Focamperawit (NO0 mg BID) Ecclimaticitionaut Sci21120 mg BID) Ecclimaticitionaut Sci21120 mg BID)	Inadvest publication rended. Folamprensit: Ampresair concen- tations are appli- carely reduced.	al Tenjay uli potease inhibitor is Co-administration of inseased datase of bioamperanet (JCO) registration of printees inhibitor-experienced painters tauland a singler activation of aparts in signature inhibitor experiences and in signature inhibitor experiences in single datase of bioamportain/thrank. Con- contents athinitian of these smith datases of bioamportain/thrank. Con- contents athinitian of these Ratists must not be administered rous day in continuous in any musta. The approprise datase for this combin- tives not bioam elabeliated.
Nafrasir	Indrawic ALC: === ALC: === (==== (===== (===== (===== (====== (======	The appropriate doese for this combine too, with respect to efficacy and selley, have not been established. Nates must not be adjusted once
Saquitasir 1000 mg BID Tipranavithtonavir (500100 mg BID)	Saquitasit: == Lopitasit: AUC-4 55% C_2 4 75% C_2 4 75%	Para a combined of an enderso of the day in combined on with realistation. No does adjustment necessary. Concombart administration of these medicinal products is not recommend- ed.
Omeprazole (40 mg QD) Ranitidne (150 mg single dose) Alpha, acheroneosp	Omeprazole: == Lopitasit: == Ranitidne: == for antagonist	No dose adjustment necessary No dose adjustment necessary
Atlansin Analgesics Fentanyl	Attacisis: Due to CrPIA Inhibiton by lopinavir' ritonaut, concentra- tions of afluzosin an expected to increase. Fentanyt	Concomitant administration of Kalefan and alluration is contra-reliated saction 4.3) as alluratin-reliated toolchy, including hypotension, may be increased.
Antiachythmics	Fentanyt Increased risk of side-effects (ser- pintory depression, sectation) due to higher plasma con- centrations because of CVF2A4 inhibition by Kaletra	Caetul monitoring of advance effects potably respiratory depression but also additori ils recommended when fertangi la concomitantiy administered with Koletta.
Dgain	Dipolit Plants concen- tations may be increased due to P-glycoprotein inhibitor by Nakins. The Increased dipolit Ineed may lease over time as Pap Induction develope.	Caution is warranted and threepeutic dauge monitoring of digasin concentra- tors, it wulkates, is recommended in uses of co-activitination of Natiets. The second second second second base used share prescripting Natiets is installed at the prescripting Natiets is installed at the prescripting Natiets is prescription of digasis to prefere levels. Installed of digasis to prefere digasis concentrations.
Bapridi, Systemic Lidocaine, and Quinidine Antibiotics Clarithromycin	Bepridi, Systemic Lidocaine, Quinidine: Concentration may be increased when co-adminiatered with Kaletra.	Caution Is warsheld and therapeutic drug concentration mendoring is recom- mended when available. For patients with renal impairment (D-CL - 30 millioni) does exaction of claritho-
Anticancer agents	Clatifromycic Moderate inoreases in clatifromycin AUC are expected due to CVP2A inhibition by Kaletra	For patients with renal impairment (CrCL < 30 millioning does induction of dambo- rupion should be considered (less eachor 4.4), Caudon should be esercised in administering damborando millioning administering to patients with impaired hepatic or renal function.
Anticancer agents Most tymaine krame inhibitors much se dasatinib and nistmib, Ve- cristine, Verbiastine	Most tyrosine kirase inhibitors such as de- satistic and niketisk, also vincetales and virblastine: Rake of increased adverse events due to higher serum con- certrations because of CPTP2A4 inhibition by Kaleto.	Caveful monitoring of the tolerance of these anticancer agents.
Wartarin	Wartain: Concentrations may be affected when co-administrated with Kaletra due to CVP2C9 induction.	It is recommended that INR (reternationa normalised ratic) be monitored.
Riverovaban (Ritonavir 600 mg twice daily) Anticonsultants	Riverselbar: AUC: 1 150% Cu: 1 50% Due to C/PDA and P-gp inhibition by lopinavitifionavit	Co-administration of riverseatam and Kaleta may increase fuerceatam exposus which may increase the dak of bleeding. The use of inscreatam is not recom- mended in patients receiving concomi- tant teachment with Kaletas [see section 4.4].
Phenytoin	Phenytoin: Steady-etate con- centrations was mod- enably decreased due to CVP2CI9 induction by Kalatra.	Caution should be exercised in adminis- tering phenytoin with Koletas. Phenytoin levels should be monitored when co-administrating with lophawkir ribonaw. When co-administration with phenytoin.
Castamazepire and Phenobatolal	L 19-02.19 instaction by Kalatina Lopinavit: Concentrations are decreased due to C1972A reduction by phenytoin. Carbarramphre: Security Data Instactor may be decreased due to C1972A reduction by Adatas. Lopinavit: Concentrations may be decreased due to C1972A reduction by Carbarramphre and phenobartist.	chroma. Increase of characteristic program in the increase of characteristic brance and the increase of the inc
Lavechighte and Valproate	Cartemangine and phenobathis. Larrotrighe: AC: 4 2016 Ca: 4 2016 C	ed. In chronic procision, second control of the data processing of the of the dat
Antidepressants and Trazodone single	Ansio)dcz Trazodone: AUC: † 2.4-tad	necessary.
Tracolone single does (Abnavic, 200 mg BIC)	Tracodone: AUC: † 2.4-Isid Adverse events of reases, dzziness, hypotension and syn- cope were observed following co-admin- leteston of tracodone and ritomak:	It is unknown whether the combination of loginauk titonau'r causes a similar Iomaas in houdo be seodours. The combination should be used with cauton and a blover does of insundone should be considered.
Antitungaix Ketoconazole and Itraconazole	Retoconacties, Inaconacties Serum concentrations may be increased due to CIMPA inhibition by Raietra. Vortoonacties Concentrations may	High doses of ketoconazole and traconazole (> 200 mg/ble) are not recommended. Co-administration of vortconazole and low dose storasir (100 mg/BIC) ar contained in Keleta should be aucolide unless an assessment of the un-
Anti-gout agents:	be decreased.	as contained in Kaleita should be succided unless an assessment of the benefit hisk to patient justifies the use of softconardie.
Colchiche single doss (Ritonair 200 mg twice daily) Anti-Infectives	Colditions: AUC : # 1.8-fold Con : # 1.8-fold Due to P-gp and/or CHP2A4 inhibition by ritonals.	Concombart administration of Nakima with colchicke is not recommended due to a potential increase of colchiche-e- lated resummacher tookichy (including rhabdomydyste), especially in patients with mess of negatic impairment (see section 4.4).
	Pusitic ackt Concentrations may be increased due to CNP2A inhibition by lopinau/chlonau/c	with faulds and it contain-relaxate it demratiological relations taken to the horseased risk of adverse events related to faulds acid, notbly thebotry of yets (see section 4.3, When used for contain-articular line(cons, where the co-advertisitation is unavoidable, close lineal monitory for macute adverse events is strongly accommended (see section 4.3).
Anthrycobacterials Rhibudin, 150 mg CD Rhibmpicin	Rhabutn (parent drug and active 22-0-dia- accept reschoolde): AUC: 1:57-did G1:57-did G1:57-did Lophawit:	When goes with chains it is more re- stricted class is that they is the restricted of the is time per week on set days for a set of the set of the set of the set of the sector of the set of the set of the sector of the set of the set of the sector of the set of the set of the to debuilt. In their days and the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the loss of the set of the loss of the set o
	Leptendr: Large discesse- er in lopinwir concentrations may bornpake and concentration bornpake.	riteración in con micromendad a tre documente netro concentration muni- teración e en el concentration muni- tima de la concentration muni- tima de la concentrativa de la concentrativa de la concentrativa d
A replipionation	Due to CYPIA inhibition by lopinavit/ ritonavit, concentra- tions of quatapine are expected to	Concombart administration of Kalaitra and qualitapine is contraindicated as it may increase qualitapine-related toxicity.
Berzoolampiner Melazolam	Increase. Oral Midacolam: ALC: 113-bid Painnteal Mida- zolam: ALC: 1-bid Date to Child Date to Child Da	Kalets must not be co-activitatived with not induction (see section 4.2), whereas custon should be used with co-administration of kalets and parentral inductions. FXMatts motioadaws, its back to do not intensive case used FCL3 or stimular welfing with ensure door do include incompanies protogenerations motioal incompanies protogenerations motioal memory and appropriate motioal memory and appropriate motioal memory before the second second second protogeneration motioal the companies for missionam motioal the companies of protogeneration motion and second second protogeneration motioal the companies of the second secon
Beta-adrencosptor Salmeterci	agonist (long acting) Salmaterol: Concentrations are expected to increase due to CYPA Inhibition by lopinavier ritonavie.	The combination may result in increased risk of cardiousacular adverse events associated with salmeters, including of prolongitudes, palphations and sarus tachycards. The later adverse adverse and sarus tachycards. The later adverse adverse adverse tachycards.
Caldum channel bit Felodipine, and Nikolipine, and Nicardipine	ckerz Felodpine, Nitedp- ine, Nozedpine: Concertations may be increased due to CYP3A inhibition by Kaletra.	Cirical monitoring of therapeutic and adverse effects is recommended when these medicines are concombantly administered with Kaletra.
Loncolleroid Deamethacre Publicacre proporties, 50 µp proporties, 50 µp caby rate ally 100 ng stonaet BD	Lopinair: Consensation may Consensation by Control Induction by desimption propi- oralis: Control Invels 4 80%	Chied motion of the state of th
Phosphodestease Avariati (Itanavir 600 mg BIC)	POES) inhibitors Averalli: AUC: † 13-Ibid Due to CVPSA inhibiton by kojinaviti'	be performed over a longer period.
Tactari	ritonavic Tactelaft AUC: † 2-told Due to CYPSA4 inhibition by kpimark/	Exe the Assertant of collectron and addition for the Assertance Collectron and a contrained costed lose auction 4.0, Collectron tendence Relates with tasked is not recom- mended.
Beam	recreat: Siderwit: Auto: + 11-bid Due to C/P2A Inhibition by lopinalit/ ribosalit	The totals per secile deviantion: Particular caldor must be used when personable galerated or tackall in patient receiving Kalena with increased importants, sproops, valar drange typotension, sproops, valar drange typotension, sproops, valar drange typotension, second bit hallotta, Weened increase main not accessed 55 mg in 48 hours and tackall does main tool in 48 hours and tackall does main too second 50 mg env 72 hours.
Vardenafi	Vardenalt AUC: 1 49-bid Due to CYPIA Inhibi- tion by Kaleto.	exceed 10 mg every 72 hours. The use of varianalli with Kaletra is contraindicated jace section 4.3).

HCV Potesse khbi	pri .	
Boostand 200 mg		the set of
three times daily	Boogrevit: AUC: 4 40% C_: 4 50% C_: 4 50%	Kalets and boospeak
	Lopitavit: AUC: 4 SHS Gu: 4 SHS Gu: 4 42%	
Telaprevit 750 mg Shree times daily	Telepresit: AUC: 4 54% C: 4 53% C: 4 52%	It is not recommended to co-administer Kaletra and teleprevic
	Lopinavic	
Nertal products		
Sz John's wort (Fignelicum perto- ratum)	Lopinavit: Concentrations may be educed due to induction of CIP2A by the herball preparation SL John's wort.	Noted preparations containing 26 Johns and mutato the contained with loptomic and dromain 17 a pulseria based being 2. John's user, stop 20 Johns word and Spossible check strap (Johns word and Spossible check) and house or dipates any meet adjusting house or dipates any meet adjusting hand 2, aways, also cancellation of the hand 2, aways, also cancellation of the hand 2, aways, also cancellation of the John's word.
Immunoappresant	2	
Cyclospoth, Sirol- mus (oppmych), and Tacrolmus	Cyclosporin, Sirol- mus (apamych), "Scrolimus: Concentrations may be increased due to CHP3A inhibition by Kaletts.	Mos tequeri thespecific concentration monitoring is recommended until plasma levels of these products have been stabilized.
Lipid lowering agent		
Lovastalin and Simuastalin	Lovastatin, Simua- tatin: Markedy increased plasms concentra- fone due to C193A inhibition by Kaletra.	Since increased concertrations of MMG- GAR educase inhibitors may cause mycpathy, including rhabdomyclysis, the combination of these agents with Kaletta is contraindicated (see section 4.3).
Atonaetatin	Atonastatin: AUC: # 5.9-told Cui: # 4.7-told Due to CYP3A inhibi- tion by Kaletra.	The conditiation of Kalatra with alonastatin is not recommended. If the use of alonastatin is considered shictly necessary, the baset possible does of alonastatin should be administered with careful safety monitoring (see section 4.4).
Rosuvestellin, 20 mg QD	Rescuentative AUC: ± 2-fold Gu: ± 5-fold Tible resuusabilitie poorty metabolised by C/PDAA, an increase of the plasme concentrations was observed. The mechanism of this intrancion may result from inhibition of transport profesion.	Caution should be exercised and reduced doese should be considered when Kaletta to audentifiered with traumatation (see sectors 4-6).
Fluxestatin or Preventatin	Russetadiri, Preuse- tadiri: No dirical relevant intranction sepactiadi. Pravastadiri la not metabolased by CIP402. Russetadiri la pae- tady metabolased by CIP402.	Ensember with an HMG-CoAstdoc- tase Hhbbor is indicated, Busetatin or preventieth is recommended.
Opicidz		
Buprenorphine, 15 mg CID	Buprenorphine:	No dose adjustment necessary.
Methadone	Methadore: 4	Monitoring plasma concentrations of methodores is recommended
Out Contenanti au		THE BAR IS THAT THE DEC.
	Ethinyl Oestradici: 4	In case of co-administration of Kaletra with contraceptives containing ething toestacking whatever the contraceptive formulation e.g. one' or putting, additional methods of contraception must be used.
Smoking assession a	ide .	
Bupropion	Buproprion and Its active metabolite, hydroxybupropion: AUC and C= 4 -50% This effect may be due to induction of bupropion metab- olism.	If the co-administration of Tochnesity forward with happacture is judged forward with happacture is judged does direct in monitoring to hupparpian efficacy, without exceeding the eccen- mended doesge, despite the observed induction.
Vaxodiating agents		
Bosertan	Lopinavi Hormaki Lopinavi Hormaki plasma concentra- borna may documenta bara to CIPTAA in- duction by bosentan. Bosentan: AUC: 15-bidd Infady, Co.; 15-bidd Infady, David Schold Infady, David Schold Infady, David Schold Infady, David Schold Infady, David Schold Infady, David Schold Infady, David Schold Infady, David Schold Infady, David Schold Infady, Schold Information Information	Caldor shuff be exercised in admini- turing Relates an administrated concerns- tillheir Adelta is administrated concerns- tillheir Adelta is administrated concerns- tillheir Administrate administrate administrate patients although the change of the patients although the change of the fact week of co-administration.
Other medicinal proc	i.ch	
Elased on known me	tabolic profiles, clinically	similared interactions are not excepted.

no adequate an iting surveillance

ability to drive and use machines on the effects on the ability to drive a ould be informed that makes has bee 14.0.

panceattls have been reported in patients excelling ed hypertriglyceridaemia. Furthermore, rare increases elenter. In blowing weeks have been identified as ackerse inscriptions. The hespency calegory dudes all reported events of moderate to assess interally, regardless of the inscributa-uantify assessment. The adverse services are displayed by righten cognition cales. White how have any concerning is 10%, concerning is 10% or 10%, and of discussion and manue way commonly is 10%, concerning is 10% or 10%, and of the instru-tion of the service of the services of the service of the services in 10% or 10% of the services of the service

		and post-marketing in adult patients
System organ class	Frequency	Advance reaction
Infections and infea-	Very common	Upper repiratory tract infection
tations	Common	Lower respiratory tract inflection, skin infections including cellulitis, follouitie and furuncle
Elbod and lymphatic system deorders	Common	Araemia, leucopenia, neutropenia, lym- phaderopathy
Immune system disorders	Common	Hypersenallyby including unicaria and angloedema
	Uncommon	Immune reactivation syndrome
Endocrine deorders	Uncommon	Njpogonadam
Metabolism and rubi- tion disorders	Common	Bood glucese deorders inducing dabetes mellus, hyperhigicovidaemia, hyperho- lestercienia, weight decreased, decreased appetie
	Uncommon	Weight increased, increased appetitie
Paychiatric disorders	Common	Aculaty
	Uncommon	Abnormal dreams, Rado decreased
Nervous system disorders	Common	Headache (nduding migraine), neuropathy (induding peripheral neuropathy), dizoteau, neormia
	Uncommon	Ceebro-ascular accident, convulsion, dyspeusia, ageusia, tremor
Eye deorders		Visual impairment
Ear and labyrinth disorders	Uncommon	Timitus, vertigo
Cardiac deorders	Uncommon	Atheroscierosis such as myocardial inflac- tion, atrioventricular block, tricuipid value incompetence
Vacular deorders	Common	Hypertension
	Uncommon	Deep vein thrombosis
Gastrointestinal deorders		Dianhosa, nauasa
asorbers	Common	Panonatila', vomiling, gushoossophagasi retux dasaas, gushoerteritis and collis, abdominal pain jupper and lower, abdom- inal datemon, dyspepsia, haemonholds, fablence
	Uncommon	Gastrointestinal haemonhage including gastrointestinal uber, duodentia, gastrilla and rectal haemonhage, stornalitis and oral ubers, faecal incontinence, constipu- tion, dry mouth
Hepatobilary deorders	Common	Hepatits including AGT, ALT and GGT Increases
	Uncommon	Hepatic skatosk, hepatomegaly, cholangi- tik, hypetsikubinemia
	Not known	Jaundice
Skin and subcutaneous tissue deorders	Common	Lipodystrophy acquired including facial wasting, rash including maculopapular rash, demantitis hash including eccentra and sabortheic dematitis, night awasts, prutitis
		Alopecia, capillarita, vasculta
	Not known	Stevers-Johnson syndrome, erythems multiforme
Musculoskeletal and connective tissue disorders	Common	Myalgia, musculoskaletal pain induding antroligia and back pain, muscle disorders such as weakness and spaams
		Rhabdomyolysis, astecnectosis
Renal and urinary disorders	Uncommon	Ceathine clearance decreased, nephrite, heimaturia
Reproductive system and breast deorders	Common	Drectile dysfunction, menstrual deorders - amenorrhosa, menorrhagia
General disorders and administration site conditions	Common (tis and loids	Faligue including authorits

Overclose To date, there is limited human experience of acute over the adverse clinical signs observed in dogs included abnormal stool. The signs of toxicity observed in mice activity, stopics, empatisation, dehydraktion and tempora

reny, assiste, tradeator, deripsianti ac-ere la no apecific artícola for overclose dobernation of the clinical attatu of the pi e substance is to be achieved by email charcoal may also be used to aid in sem teta is holfvi contein bound, delesi is un PHARMACOLOGICAL PROPERTIES Pharmacodynamic properties Pharmacodynamic groups artistes to therapeutic groups artistes to

n of action: bolnavir provides the antivital activity of Kaletra. Lopinavir is an TRN RW-1 and RW-2 proteases. Inhibition of RW protease prevents cleasage pol polyprotein resulting in the production of immature, non-inflictious virus. The page of optimum results in the post-claim of immutation, non-selection and the selection of the page of the p deet prolongation of the FR interval was also noted in subjects rec-rack in the same study on Day 3. The mean changes from baseling ad from 11.6 ms to 24.4 ms in the 12 hour intenal post does. Maxim 2067 mac and no second or third dages heart block was observed by We denote that the second sec

ralyzis of resistance in PF-expedienced patients: to assistance to logitative in patients having bailed analysis and analysis the logitative indexistent indexemption of patients in 2 Phrase II and one Phrase II state to a short derivative to the patient of the patient of the patients of allow derivative to the patients of the patients and the state of the patients of the patients of the patients of the patients of allow derivative to the patients of who demonstrated increments in vero resistance uncertainty and an emergence of new instations of 2-bits changes in physical place in the state of the state of

3.8. 2.7 11.3 and 44.0 Mol hybrid from the RTL spatial wild type in the 10 usawa that displayed > 22.040 charge in Ausorphility & complete in granitism 10.9 x (6.0 gala B2 and 90.4 k). In addition, the combine biting at particles 10.2 x (6.0 gala B2 and 90.4 k). So that the spatial biting at particles 10.2 x (4.0 x (5.7 1 and 60.1 k) addition biting at particles 10.2 x (4.0 x (5.7 1 and 60.1 k) addition biting at particles 10.2 x (4.0 x (5.7 1 and 60.1 k) addition biting at particles 10.2 x (4.0 x (5.7 1 and 60.1 k) addition biting at particles 10.2 x (4.0 x (5.7 1 and 60.1 k)). Addition biting at particles 10.2 x (4.0 x (5.7 1 and 60.1 k)). Addition biting at particles 10.2 x (5.0 x clusions regarding the relevance of particular mutations or mutati act to change with additional data, and it is ecommended to alway pretation systems for analysing resistance test results. n al patterns an 

F. I Billown, state en d'Alakta (in combination with other antivetrovinal agents) on biological W RNA leasts and CDA+ T-cell counts) have been investigated in o Kaletts of 48 to 350 weeks duration.

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	Kaletra Nu220 Nellinavir Nu2	
HEV FRVA < 400 copies/m?	75%	62%
HV RNA < 50 copies/mil/†	67%	52%
Mean increase from baseline in CDH+ T-cell count (pello/mm*)	207	125

Contract of the second second

	Watek 45			Week S6		
	- 00	80	Difference (SS% Cit)	90	BID	Difference [10% Ci]
NC+Talan	251033 (77.2%)	251.001 (73.00)	135 [61,74]	216233 (54.2%)	(02.2%) (02.2%)	-425 [-11.5, 2.8]
Obamed data	257025 (87.1%)	20.080 (81.7%)	-225  74,21]	216047 (87.4%)	229,048 (82,2%)	-425 [-102, 0.4]
Non increase from baseline in CD4+1- of count (plicitum)	185	198		228	254	

Outcomes at Week 260: Study M97-720		
	Kaletra (N=100)	
HIV RNA < 400 copies/M	61%	
HV RNA < 50 copies/ml	52%	
Mean increase from baseline in CDH+ T-cell count (pella/mm)	501	
conducted in 19-of 20 patients with Contern primary or active alle mutations in profession 20, 82, 64 and 920 or profession infability phen Patients with prior antiestophic therapy MOV-922 was a mandmixed open-fabel is arbitrat activity of once daily and heice dai subjects with detectable wall back while re-	cic sensitivit of viral inclusion ware successfully ad HSV FRA above 400 copies/millinewalandino millionic acids at positions (1, 20, 22, 45, 47, 46) mitry in waithtensis study comparing the satisfier in tables in 500 globeling of branch/titomewir tables in 500 califying their current antihist therapy. Patients mays. They wave condomised in a 11 table.	

Virsiogic Response of Study Subjects at Week 40 Study 802			
	90	810	Difference (95% Cit)
NC+ Falure	171/000 (57%)	161(299 (53-8%)	3.2% [-4.8%, 11.1%]
Observed data	171/225 (75.2%)	161/223 (72.2%)	3.0% [4.2%, 11.9%]
Mean increase from baseline in CDH+ T-oil count (palls/ mm)	125	122	

	Antinstroviral Nalve [Nu-44]	Antinetroviral Experienced (N-55)
HIV RNA < 400 copies/tri	545	75%
Mean increase from baseline in CDH+ T-cell count (cells from)	404	254

machine properties to the properties of the pr To mg Koletra twice dely for 2 weeks a lopinelir peek plasma concentration (5 hours after administration. The mean of ng down was 0.1 + 5.7 µg/ml. Lopineli 2 + 0.05 µg/mlm. The standard blas humans has not been established.

on of a single 400/100 mg dose d I. 50% from tal) compared to tash C.\_. and AUC, "Therefore, Kalefo its have also shown less pharmad o Kalefors soft capsules. Inductions at meady state, topiment is approximately 782 – 59% bound to setum proteins pareat finds to both alpha - 4-add glocoportein (AVA) and abumin, however, it has a figure atting to rARG. At stated, table, both and rothe binding mentions constant over a surger of observed concentrations after 4201120 mg Kalarta texter daily, and is simila desen healthy unclines and MVA positile patients.

The strategy index of the second sec to the BD regimen, the once reliase of approximately 52%.

Gender, Race and Age: Kelts planmackhelics have not been stu harmackhelic differences have been doo Renal Insufficiency: Kaletra pharmacolo ever, since the renal

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The second seco which index that the transmission with high probability of the transmission of transmission of the transmission of transmission of the transmission of transmission o

is of the product in numeric carried be have out a, estibly classification (by gangsancy loss, decreased both) viability, decrea weights, however, facultary of solated viability and postsatel (b) (decreased such as dispatc) was classred at instematy losic dosp exposure to both with Vision at the matternal and development losic dosp in humans. Hitonavir in mice revealed a nongenotoxic reveal-leased to have 1954 released as ha mar

by studies in tabs revealed no tumourgenic findings. Lopine/hitlone/r was be multigenic or dialogenic in a battery of in vitro and in vico assays includ-bacterial exerces multillon assay. The mouse lymphoma assay, the mouse i will and dromesomal alexation assays in human introhoofes. EUTICAL PARTICULARS plants mg/25 mg lim-coaled tablets: rdig: Copolitone, Sotilan lau

28 ; Pignomelices, Titanium dioxide, Macrogoli type 400 (Polyethylene glyco insygropy) celulates, Taic, Colloidal arhydroux silca, Macrogoli type 3050 m glycol 30503, Wellow femic celde E172, Polyectude 80

e and contents of container = 100 mg/35 mg film-coaled tabletic. High der containing 60 film-coale-4 

Marketing J AbbVie Ltd Makerhead

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