

Erectile Dysfunction Agent Drug Interactions

Drug	Action	Comment
Sildenafil		
PIs atazanavir darunavir/rtv fosamprenavir indinavir lopinavir/rtv nelfinavir saquinavir/rtv tipranavir/rtv ritonavir boosted	Start with 25mg Q48H Max dose 25mg Q48H Start with 25mg Q48H Max dose 25mg Q48H Max dose 25mg Q48H Max dose 25mg Q48H Max dose 25mg Q48H Start with 25mg Q48H Max dose 25mg Q48H	No formal study Comparable to single dose of 100mg No formal study Sildenafil AUC increased 340% Sildenafil AUC increased 1100% No formal study Sildenafil AUC increased 310% No formal study Sildenafil AUC increased 1100%
NNRTIs efavirenz etravirine nevirapine	No data Start at 50 mg No data	May decrease sildenafil concentrations Sildenafil AUC decreased 57% May decrease sildenafil concentrations
Integrase raltegravir	Interaction not likely	-
CCR5 maraviroc	Interaction not likely	-
Tadalafil		
PIs atazanavir darunavir/rtv fosamprenavir indinavir lopinavir/rtv nelfinavir saquinavir/rtv tipranavir/rtv ritonavir boosted	Max dose 10mg Q72H Max dose 10mg Q72H Max dose 10mg Q72H Max dose 10mg Q72H Max dose 10mg Q72H Max dose 10mg Q72H Max dose 10mg Q72H Max dose 10mg Q72H Max dose 10mg Q72H	No formal study No formal study No formal study No formal study Tadalafil AUC increased 200% No formal study No formal study Tadalafil AUC increased 233% Tadalafil AUC increased 200%
NNRTIs efavirenz etravirine nevirapine	No data No data No data	May decrease tadalafil concentrations May decrease tadalafil concentrations May decrease tadalafil concentrations
Integrase raltegravir	Interaction not likely	-
CCR5 maraviroc	Interaction not likely	-

Drug	Action	Comment
Vardenafil		
<u>PIs</u>		
atazanavir	Max dose 2.5mg Q72H	No formal study
darunavir/rtv	Max dose 2.5mg Q72H	No formal study
fosamprenavir	Max dose 2.5mg Q24H	No formal study
indinavir	Max dose 2.5mg Q24H	Vardenafil AUC increased 1600%
lopinavir/rtv	Max dose 2.5mg Q72H	Vardenafil AUC increased 4900%
nelfinavir	Max dose 2.5mg Q72H	No formal study
saquinavir/rtv	Max dose 2.5mg Q72H	No formal study
tipranavir/rtv	Max dose 2.5mg Q72H	No formal study
ritonavir boosted	Max dose 2.5mg Q72H	Half-life increase 600%
<u>NNRTIs</u>		
efavirenz	No data	May decrease vardenafil concentration
etravirine	No data	May decrease vardenafil concentration
nevirapine	No data	May decrease vardenafil concentration
<u>Integrase</u>		
raltegravir	Interaction not likely	-
<u>CCR5</u>		
maraviroc	Interaction not likely	-