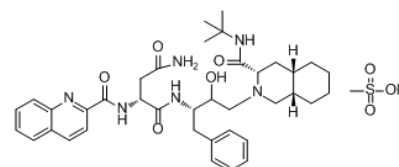


**Product Name** : Saquinavir mesylate  
**Cat. No.** : PC-45129  
**CAS No.** : 149845-06-7  
**Molecular Formula** : C<sub>39</sub>H<sub>54</sub>N<sub>6</sub>O<sub>8</sub>S  
**Molecular Weight** : 766.9465  
**Target** : HIV  
**Solubility** : 10 mM in DMSO



## Biological Activity

Apotent and selective inhibitor of HIV-1 protease with IC<sub>50</sub> of 0.5-6 nM in cell assays; binds to the active site of the viral protease and prevents cleavage of viral polyproteins, preventing maturation of the virus; inhibits both HIV-1 and HIV-2 proteases; used to treat or prevent HIV/AIDS.

HIV Infection

Approved

## References

Martin JA, et al. Biochem Biophys Res Commun. 1991 Apr 15;176(1):180-8.

Craig JC, et al. Antiviral Res. 1991 Dec;16(4):295-305.

Kräusslich HG. J Virol. 1992 Jan;66(1):567-72.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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