

Saquinavir

Catalog No: tcsc1180



Available Sizes

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

127779-20-8

Formula:

$C_{38}H_{50}N_6O_5$

Pathway:

Metabolic Enzyme/Protease;Anti-infection

Target:

HIV Protease;HIV

Purity / Grade:

>98%

Solubility:

DMSO : 100 mg/mL (149.07 mM; Need ultrasonic)

Alternative Names:

Ro 31-8959

Observed Molecular Weight:

670.84

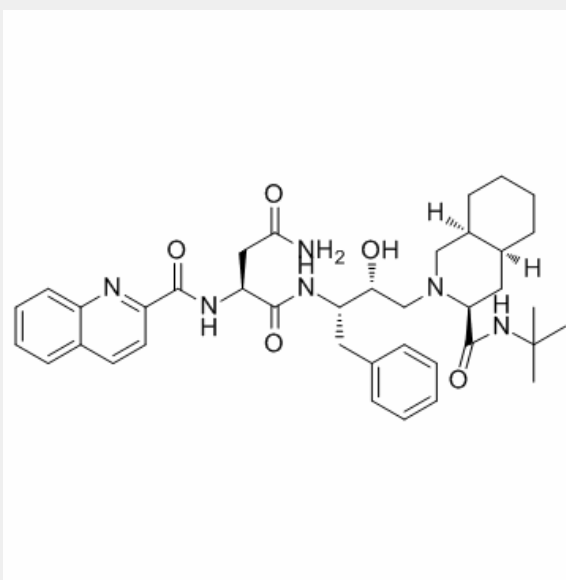
Product Description

Saquinavir(Ro 31-8959) is an HIV Protease inhibitor used in antiretroviral therapy.

IC50 Value:

Target: HIV Protease

Saquinavir is a protease inhibitor. Proteases are enzymes that cleave protein molecules into smaller fragments. HIV protease is vital for both viral replication within the cell and release of mature viral particles from an infected cell. Saquinavir binds to the active site of the viral protease and prevents cleavage of viral polyproteins, preventing maturation of the virus. Saquinavir inhibits both HIV-1 and HIV-2 proteases. Studies have also looked at Saquinavir as a possible anti-cancer agent.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!