

# Saquinavir (Mesylate)

Catalog No: tcsc0575



## Available Sizes

**Size:** 10mg

**Size:** 50mg

**Size:** 100mg



## Specifications

**CAS No:**

149845-06-7

**Formula:**

$C_{39}H_{54}N_6O_8S$

**Pathway:**

Metabolic Enzyme/Protease;Autophagy;Anti-infection

**Target:**

HIV Protease;Autophagy;HIV

**Purity / Grade:**

>98%

**Solubility:**

DMSO : 20 mg/mL (26.08 mM; Need ultrasonic)

**Alternative Names:**

Ro 31-8959/003

**Observed Molecular Weight:**

766.95

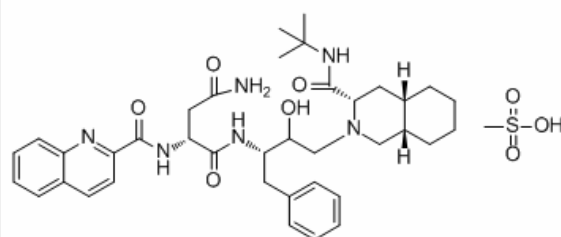
## Product Description

Saquinavir mesylate 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!