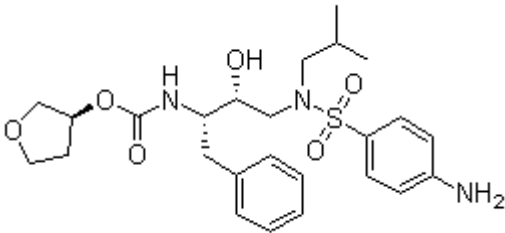


Product Introduction

Amprenavir

Amprenavir is an HIV protease inhibitor with IC₅₀ of 14.6 ng/mL in wild-type HIV isolates.

Technical Data:

Molecular Weight (MW):	505.63	
Formula:	C ₂₅ H ₃₅ N ₃ O ₆ S	
Solubility (25 °C)	DMSO 16 mg/mL	
* <1 mg/ml means slightly soluble or insoluble:	Water <1 mg/mL	
	Ethanol 101 mg/mL	
Purity:	>98%	
Storage:	3 years -20°C Powder	
	6 months-80°C in DMSO	
CAS No.:	161814-49-9	

Biological Activity

Amprenavir is an human immunodeficiency virus (HIV) protease inhibitor with IC₅₀ of 14.6 ± 12.5 ng/ml for wild-type HIV isolates. Like all HIV protease inhibitors, amprenavir interrupts the maturation phase of the HIV replicative cycle by forming an inhibitor-enzyme complex, which prevents HIV protease from binding with its normal substrates. It has an enzyme inhibition constant (K_i = 0.6 nM) that falls within the K_i range of the other protease inhibitors. [1][2]

Note: Products protected by valid patents are not offered for sale in countries where the sale of such products constitutes a patent infringement and its liability is at buyer's risk. This item is only for R&D purpose not for commercial business in kilos. Buyers should overview the patent issue in their countries.