

Product Name	: Indinavir sulfate
Synonyms	: MK-639 sulfate L735524 sulfate
Cat No.	: M20547
CAS Number	: 157810-81-6
Molecular Formula	: C ₃₆ H ₄₉ N ₅ O ₈ S
Formula Weight	: 711.87
Chemical Name	: (S)-1-((2S,4R)-4-benzyl-2-hydroxy-5-(((1S,2R)-2-hydroxy-23-dihydro-1H-inden-1-yl)amino)-5-oxopentyl)-N-(tert-butyl)-4-(pyridin-3-ylmethyl)piperazine-2-carboxamide sulfate
Description	: Indinavir is a HIV protease inhibitor. It inhibits the HIV-1 protease with an IC ₅₀ value of 0.41 nM and K _i value of 0.24 nM.
Pathway	: Microbiology/Virology
Target	: HIV
Receptor	: HIV Protease
Solubility	: DMSO: 100 mg/mL (140.48 mM)
SMILES	: <chem>OS(O)(=O)=O.CC(C)(C)NC(=O)C1CN(Cc2cccn2)CCN1CC(O)CC(Cc1ccccc1)C(=O)NC1C(O)Cc2ccccc12</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Ekins S, Mathews P, Saito E, K et al. α 7-Nicotinic acetylcholine receptor inhibition by indinavir: implications for cognitive dysfunction in treated HIV disease[J]. AIDS (London England) 2017 31(8).