



Product Information

Reverse transcriptase inhibitor Delavirdine, Purity ≥98%

Cat. No.: X24-07-ZQ162

Size: 1 mg; 5 mg; 10 mg; 25 mg

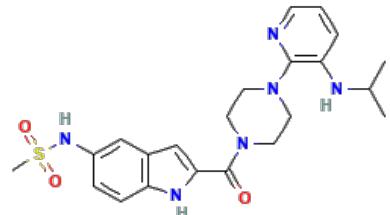
CAS Number: 136817-59-9

Compound CID: 5625

Synonym: 136817-59-9; Reverse transcriptase inhibitor; U 90152; U90152; U-90152;

BHAP-U 90152

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Delavirdine obstructs the action of reverse transcriptase, an enzyme crucial for the replication of retroviruses like HIV.
Molecular Weight	456.56
Molecular Formula	C ₂₂ H ₂₈ N ₆ O ₃ S
IUPAC Name	N-[2-[4-[3-(propan-2-ylamino)pyridin-2-yl]piperazine-1-carbonyl]-1H-indol-5-yl]methanesulfonamide
InChI	InChI=1S/C22H28N6O3S/c1-15(2)24-19-5-4-8-23-21(19)27-9-11-28(12-10-27)22(29)20-14-16-13-17(26-32(3,30)31)6-7-18(16)25-20/h4-8,13-15,24-26H,9-12H2,1-3H3
InChI Key	WHBIGIKBNXZKFE-UHFFFAOYSA-N
Canonical SMILES	CC(C)NC1=C(N=CC=C1)N2CCN(CC2)C(=O)C3=CC4=C(N3)C=CC(=C4)NS(=O)(=O)C
Form	Lyophilized powder
Purity	≥98%
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Applications	Delavirdine is a reverse transcriptase inhibitor researched for its role in blocking HIV replication by inhibiting reverse transcription.
Storage	Store at -20°C, and keep desiccated.