



## Product Information

### Reverse transcriptase inhibitor Delavirdine, Purity $\geq 98\%$

**Cat. No.:** X24-07-ZQ162

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

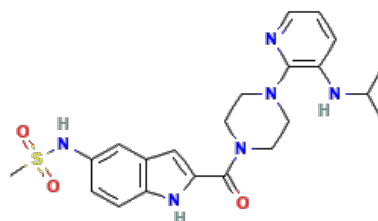
**CAS Number:** 136817-59-9

**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

<b>Description</b>	Delavirdine obstructs the action of reverse transcriptase, an enzyme crucial for the replication of retroviruses like HIV.
<b>Molecular Weight</b>	456.56
<b>Molecular Formula</b>	C <sub>22</sub> H <sub>28</sub> N <sub>6</sub> O <sub>3</sub> S
<b>IUPAC Name</b>	<i>N</i> -[2-[4-[3-(propan-2-ylamino)pyridin-2-yl]piperazine-1-carbonyl]-1 <i>H</i> -indol-5-yl]methanesulfonamide
<b>InChI</b>	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
<b>InChI Key</b>	WHBIGIKBNXZKFE-UHFFFAOYSA-N
<b>Canonical SMILES</b>	CC(C)NC1=C(N=CC=C1)N2CCN(CC2)C(=O)C3=CC4=C(N3)C=CC(=C4)NS(=O)(=O)C
<b>Form</b>	Lyophilized powder
<b>Purity</b>	$\geq 98\%$
<b>Identity</b>	Confirmed by NMR/HPLC/MS.
<b>Stability</b>	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
<b>Quality Level</b>	Research grade
<b>Applications</b>	Delavirdine is a reverse transcriptase inhibitor researched for its role in blocking HIV replication by inhibiting reverse transcription.
<b>Storage</b>	Store at -20°C, and keep desiccated.