



Product Information

Reverse transcriptase inhibitor MIV-150, Purity ≥98%

Cat. No.: X24-06-ZQ956

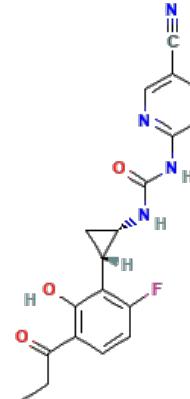
Size: 1 mg; 5 mg; 10 mg; 25 mg

CAS Number: 231957-54-3

Compound CID: 9907284

Synonym: 231957-54-3; Reverse transcriptase inhibitor; MIV150; MIV 150; PC 815; PC-815; PC815

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



Product Information

Description	MIV-150 obstructs the action of reverse transcriptase, an enzyme crucial for the replication of retroviruses like HIV. It targets HIV-1 and HIV-2.
Molecular Weight	368.36
Molecular Formula	C ₁₉ H ₁₇ FN ₄ O ₃
Targets	HIV-1: <1 nM (EC ₅₀); HIV-2: <1 nM (EC ₅₀)
IUPAC Name	1-(5-Cyanopyridin-2-yl)-3-[(1S,2S)-2-(6-fluoro-2-hydroxy-3-propanoylphenyl)cyclopropyl]urea
InChI	InChI=1S/C19H17FN4O3/c1-2-15(25)11-4-5-13(20)17(18(11)26)12-7-14(12)23-19(27)24-16-6-3-10(8-21)9-22-16/h3-6,9,12,14,26H,2,7H2,1H3,(H2,22,23,24,27)/t12-,14+/m1/s1
InChI Key	NKPHEWJJTGPRL-OCCSQVGLSA-N
Canonical SMILES	CCC(=O)C1=C(C(=C(C=C1)F)C2CC2NC(=O)NC3=NC=C(C=C3)C#N)O
Isomeric SMILES	CCC(=O)C1=C(C(=C(C=C1)F)[C@H]2C[C@H]2NC(=O)NC3=NC=C(C=C3)C#N)O
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	MIV-150 is a reverse transcriptase inhibitor being researched for its potential use in blocking HIV replication.
Storage	Store at -20°C, and keep desiccated.



CD BioGlyco

SUITE 201, 17 Ramsey Road, Shirley, NY 11967, USA

Tel: 1-631-637-6119 | Email: info@bioglyco.com
