

Product Information

MK-0974

Cat. No.: X23-12-YM520

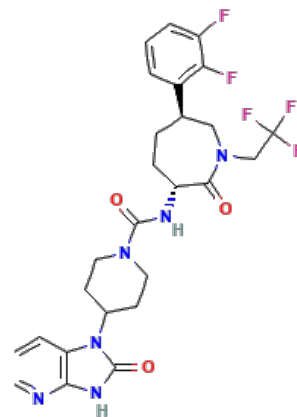
Size: 5 mg; 10 mg; 25 mg; 50 mg

CAS Number: 781649-09-0

Compound CID: 11319053

Synonym: 781649-09-0; Telcagepant

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



Product Information

Description	MK-0974 (telcagepant) inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins.
Molecular Weight	566.5
Molecular Formula	C ₂₆ H ₂₇ F ₅ N ₆ O ₃
IUPAC Name	<i>N</i> -[(3 <i>R</i> ,6 <i>S</i>)-6-(2,3-Difluorophenyl)-2-oxo-1-(2,2,2-trifluoroethyl)azepan-3-yl]-4-(2-oxo-3 <i>H</i> -imidazo[4,5- <i>b</i>]pyridin-1-yl)piperidine-1-carboxamide
InChI	InChI=1S/C26H27F5N6O3/c27-18-4-1-3-17(21(18)28)15-6-7-19(23(38)36(13-15)14-26(29,30)31)33-24(39)35-11-8-16(9-12-35)37-20-5-2-10-32-22(20)34-25(37)40/h1-5,10,15-16,19H,6-9,11-14H2,(H,33,39)(H,32,34,40)/t15-,19-/m1/s1
InChI Key	CGDZXLJGHVKVIE-DNVCBOLYSA-N
Canonical SMILES	<chem>C1CC(C(=O)N(CC1C2=C(C(=CC=C2)F)F)CC(F)(F)F)NC(=O)N3CCC(CC3)N4C5=C(NC4=O)N=CC=C5</chem>
Isomeric SMILES	<chem>C1C[C@H](C(=O)N(C[C@@H]1C2=C(C(=CC=C2)F)F)CC(F)(F)F)NC(=O)N3CCC(CC3)N4C5=C(NC4=O)N=CC=C5</chem>
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	MK-0974 (telcagepant) can be used for its ability to prevent the initiation or propagation of migraine



attacks.

Storage

Store at -20°C, and keep desiccated.
