

Product Information

MK-3207

Cat. No.: X23-12-YM933

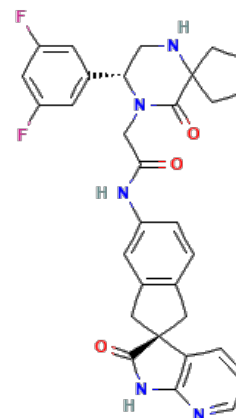
Size: 10 mg; 25 mg; 50 mg; 100 mg

CAS Number: 957118-49-9

Compound CID: 25019940

Synonym: 957118-49-9; MK3207; MK 3207

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



Product Information

Description	MK-3207 inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins.
Molecular Weight	557.59
Molecular Formula	C ₃₁ H ₂₉ F ₂ N ₅ O ₃
IUPAC Name	2-[(8 <i>R</i>)-8-(3,5-Difluorophenyl)-10-oxo-6,9-diazaspiro[4.5]decan-9-yl]- <i>N</i> -[(2 <i>R</i>)-2'-oxospiro[1,3-dihydroindene-2,3'-1 <i>H</i> -pyrrolo[2,3- <i>b</i>]pyridine]-5-yl]acetamide
InChI	InChI=1S/C31H29F2N5O3/c32-21-10-19(11-22(33)13-21)25-16-35-31(7-1-2-8-31)29(41)38(25)17-26(39)36-23-6-5-18-14-30(15-20(18)12-23)24-4-3-9-34-27(24)37-28(30)40/h3-6,9-13,25,35H,1-2,7-8,14-17H2,(H,36,39)(H,34,37,40)/t25-,30+/m0/s1
InChI Key	AZAAWYREOQRFB-SETSBSEESA-N
Canonical SMILES	C1CCC2(C1)C(=O)N(C(CN2)C3=CC(=CC(=C3)F)F)CC(=O)NC4=CC5=C(CC6(C5)C7=C(NC6=O)N=CC=C7)C=C4
Isomeric SMILES	C1CCC2(C1)C(=O)N([C@@H](CN2)C3=CC(=CC(=C3)F)F)CC(=O)NC4=CC5=C(C[C@@]6(C5)C7=C(NC6=O)N=CC=C7)C=C4
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	MK-3207 can be used for its ability to interfere with B cell signaling pathways, leading to suppression



of B cell activation, proliferation, and antibody production.

Storage

Store at -20°C, and keep desiccated.
