



Product Information

BMS-906024

Cat. No.: X23-12-YM371

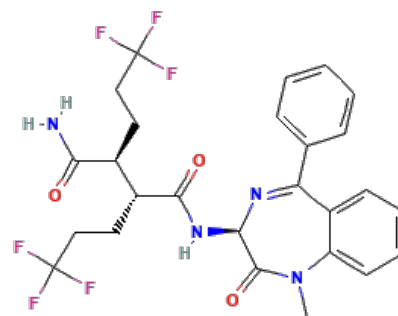
Size: 1 mg; 5 mg; 10 mg; 50 mg

CAS Number: 1401066-79-2

PubChem CID: 66550890

Synonym: 1401066-79-2; Osugacestat

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



Product Information

Description	BMS-906024 inhibits the activity of proteases, which are enzymes involved in the breakdown of proteins.
Molecular Weight	556.5
Molecular Formula	C ₂₆ H ₂₆ F ₆ N ₄ O ₃
IUPAC Name	(2S, 3R)-N'-[(3S)-1-Methyl-2-oxo-5-phenyl-3H-1, 4-benzodiazepin-3-yl]-2, 3-bis(3, 3, 3-trifluoropropyl)butanediamide
InChI	InChI=1S/C26H26F6N4O3/c1-36-19-10-6-5-9-18(19)20(15-7-3-2-4-8-15)34-22(24(36)39)35-23(38)17(12-14-26(30, 31)32)16(21(33)37)11-13-25(27, 28)29/h2-10, 16-17, 22H, 11-14H2, 1H3, (H2, 33, 37)(H, 35, 38)/t16-, 17+, 22+/m0/s1
InChI Key	AYOUDDAETNMCBW-GSHUGGBRSA-N
Canonical SMILES	CN1C2=CC=CC=C2C(=NC(C1=O)NC(=O)C(CCC(F)(F)F)C(CCC(F)(F)F)C(=O)N)C3=CC=CC=C3
Isomeric SMILES	CN1C2=CC=CC=C2C(=N[C@@H](C1=O)NC(=O)[C@H](CCC(F)(F)F)[C@H](CCC(F)(F)F)C(=O)N)C3=CC=CC=C3
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	BMS-906024 can be studied for its ability to inhibit the Notch signaling pathway, which plays a crucial role in regulating cell proliferation, differentiation, and survival.
Storage	Store at -20°C, and keep desiccated.