

Product Information

Notch inhibitor BMS-986115, Purity $\geq 98\%$

Cat. No.: X24-07-ZQ259

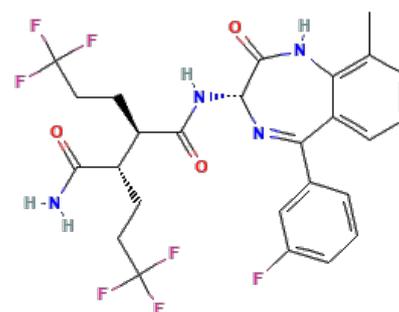
Size: 1 mg; 5 mg; 10 mg; 25 mg

CAS Number: 1584647-27-7

Compound CID: 73388393

Synonym: 1584647-27-7; Notch inhibitor

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



Product Information

Description	BMS-986115 targets the Notch signaling pathway, a fundamental cellular communication system involved in crucial processes such as cell differentiation, proliferation, and apoptosis, often implicated in the development and progression of various cancers.
Molecular Weight	574.49
Molecular Formula	C ₂₆ H ₂₅ F ₇ N ₄ O ₃
IUPAC Name	(2 <i>S</i> ,3 <i>R</i>)- <i>N'</i> -[(3 <i>S</i>)-5-(3-fluorophenyl)-9-methyl-2-oxo-1,3-dihydro-1,4-benzodiazepin-3-yl]-2,3-bis(3,3,3-trifluoropropyl)butanediamide
InChI	InChI=1S/C26H25F7N4O3/c1-13-4-2-7-18-19(13)36-24(40)22(35-20(18)14-5-3-6-15(27)12-14)37-23(39)17(9-11-26(31,32)33)16(21(34)38)8-10-25(28,29)30/h2-7,12,16-17,22H,8-11H2,1H3,(H2,34,38)(H,36,40)(H,37,39)/t16-,17+,22+/m0/s1
InChI Key	SRJNRAQUSAVENA-GSHUGGBRSA-N
Canonical SMILES	CC1=C2C(=CC=C1)C(=NC(C(=O)N2)NC(=O)C(CCC(F)(F)F)C(CCC(F)(F)F)C(=O)N)C3=CC(=CC=C3)F
Isomeric SMILES	CC1=C2C(=CC=C1)C(=N[C@@H](C(=O)N2)NC(=O)[C@H](CCC(F)(F)F)[C@H](CCC(F)(F)F)C(=O)N)C3=CC(=CC=C3)F
Form	Lyophilized powder
Purity	$\geq 98\%$
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

BMS-986115 is utilized to study and inhibit the Notch signaling pathway, which plays a crucial role in cell differentiation and proliferation.

Storage

Store at -20°C, and keep desiccated.
