

Product Information

Gamma-secretase modulators

Cat. No.: X23-12-YM120

Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 937812-80-1

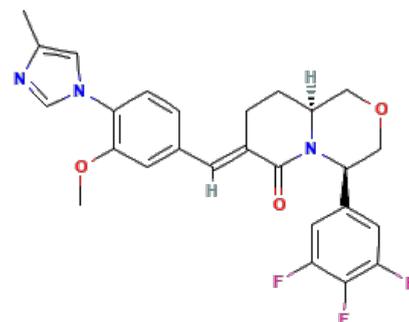
PubChem CID: 24781184

Synonym: 937812-80-1; (4*R*, 7*E*,

9*aS*)-7-[[3-Methoxy-4-(4-methylimidazol-1-yl)phenyl]methylidene]-4-(3, 4,

5-trifluorophenyl)-1, 3, 4, 8, 9, 9*a*-hexahydropyrido[2, 1-*c*][1, 4]oxazin-6-one

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



Product Information

Description	Gamma-secretase Modulators interferes with or suppresses the transmission of signals between neurons in the nervous system.
Molecular Weight	483.48
Molecular Formula	C ₂₆ H ₂₄ F ₃ N ₃ O ₃
IUPAC Name	(4 <i>R</i> , 7 <i>E</i> , 9 <i>aS</i>)-7-[[3-Methoxy-4-(4-methylimidazol-1-yl)phenyl]methylidene]-4-(3, 4, 5-trifluorophenyl)-1, 3, 4, 8, 9, 9 <i>a</i> -hexahydropyrido[2, 1- <i>c</i>][1, 4]oxazin-6-one
InChI	InChI=1S/C26H24F3N3O3/c1-15-11-31(14-30-15)22-6-3-16(8-24(22)34-2)7-17-4-5-19-12-35-13-23(32(19)26(17)33)18-9-20(27)25(29)21(28)10-18/h3, 6-11, 14, 19, 23H, 4-5, 12-13H2, 1-2H3/b17-7+/t19-, 23-/m0/s1
InChI Key	VHNYOQKVZQVBLC-RTCGXNAVSA-N
Canonical SMILES	CC1=CN(C=N1)C2=C(C=C(C=C2)C=C3CCC4COCC(N4C3=O)C5=CC(=C(C(=C5)F)F)F)OC
Isomeric SMILES	CC1=CN(C=N1)C2=C(C=C(C=C2)/C=C/3\CC[C@H]4COC[C@H](N4C3=O)C5=CC(=C(C(=C5)F)F)F)OC
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	Gamma-secretase modulators can be studied extensively for its effect on promoting the production of less harmful Aβ peptides.
Storage	Store at -20°C, and keep desiccated.

