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Company Registration No. 642982



DATASHEET

Compound E

Product overview

Name	Compound E
Cat No	HB3849
Purity	>98%
Description	Potent, selective, non-competitive γ -secretase inhibitor. Induces neuronal differentiation.

Biological Data

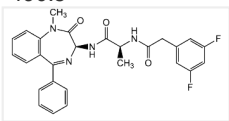
Biological description	Cell permeable, potent, selective, non-transition state and non-competitive gamma-secretase inhibitor. Notch processing inhibitor. Only weakly affects presenilinase activity.
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Please note this item is not for sale in Canada

Solubility & Handling

Storage instructions	+4 °C
Storage of solutions	Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.
Shipping Conditions	Stable for ambient temperature shipping. Follow storage instructions on receipt.
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Chemical name	(2S)-2-([(3,5-Difluorophenyl)acetyl]amino)-N-[(3S)-1-methyl-2-oxo-5-phenyl-2,3-dihydro-1H-1,4-benzodiazepin-3-yl]propanamide
Molecular Weight	490.5
Chemical structure	
Molecular Formula	C ₂₇ H ₂₄ F ₂ N ₄ O ₃
CAS Number	209986-17-4
PubChem identifier	11306390
SMILES	<chem>C[C@@H](C(N[C@H]1N=C(C2=CC=CC=C2N(C1=O)C)C3=CC=CC=C3)=O)NC(CC4=CC(F)=CC(F)=C4)=O</chem>
InChiKey	JNGZXGGOCLZBFB-IVCQMTBJSJSA-N
Appearance	White to off-white solid