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DATASHEET

Compound E

Product overview

Name Compound E Cat No HB3849 **Purity** >98%

Description Potent, selective, non-competitive y-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.

Please note this item is not for sale in Canada

Solubility & Handling

+4°C Storage instructions 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-benzo

diazepin-3-yl]propanamide

Molecular Weight 490.5

Chemical structure

Molecular Formula $C_{27}H_{24}F_2N_4O_3$ **CAS Number** 209986-17-4 **PubChem identifier** 11306390

SMILES

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JNGZXGGOCLZBFB-IVCQMTBJSA-N InChiKey

White to off-white solid **Appearance**