

Compound E

Cat. No. CEI-0707

Lot. No. (See product label)

Introduction

Description

Cell-permeable. A potent, selective, non-transition state and non-competitive inhibitor of γ -secretase (IC_{50} = 0.3 nM for total β -amyloid) and Notch processing. At higher concentrations (20-400 μ M), only weakly affects the presenilase activity.

Product Information

Appearance	White solid
CAS No.	209986-17-4
Molecular Formula	$C_{27}H_{24}F_2N_4O_3$
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	465.76
Purity	>85% by HPLC
Targets	gamma-secretase
Solubility	10 mM HCl

Storage and Shipping Information

Storage	-20 centigrade
Shipping Conditions	Gel pack