

L-685, 458

Cat. No. CEI-0705

Lot. No. (See product label)

Introduction

Description

Cell-permeable. A potent and selective γ -secretase inhibitor ($IC_{50} = 17$ nM). Displays > 50-fold selectivity over a range of aspartyl, serine and cysteine proteases. Exhibits equal potency for inhibition of A β 40 and A β 42 peptides (IC_{50} values are 48 and 67 nM respectively in human neuroblastoma cells).

Product Information

Appearance	White solid
CAS No.	292632-98-5
Molecular Formula	C ₃₉ H ₅₂ N ₄ O ₆
Chemical Name	5S)-(tert-Butoxycarbonylamino)-6-phenyl-(4R)-hydroxy-(2R)-benzylhexanoyl)-L-leucyl-L-phenylalaninamide
Molecular Weight	461.55
Purity	>98% by TLC
Targets	gamma-secretase
Solubility	DMSO (100 mM)

Storage and Shipping Information

Storage	2-8 centigrade
Shipping Conditions	RT