Creative Enzymes®

L-685, 458

Cat. No. CEI-0705

Lot. No. (See product label)

Introduction

Description	Cell-permeable. A potent and selective γ-secretase inhibitor (IC50 = 17 nM) .Displays> 50-fold selectivity over a range of aspartyl, serine and cysteine proteases. Exhibits equal potency for inhibition of Aβ40 and Aβ42 peptides (IC50 values are 48 and 67 nM respectively in human neuroblastoma cells).

Product Information

Appearance	White solid
CAS No.	292632-98-5
Molecular Formula	$C_{39}H_{52}N_4O_6$
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