

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 C₃₉H₅₂N₄O₆

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