

## L-685, 458

Cat. No. CEI-0705

Lot. No. (See product label)

### Introduction

**Description** Cell-permeable. A potent and selective  $\gamma$ -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 $\beta$ 40 and A $\beta$ 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**  $C_{39}H_{52}N_4O_6$

**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