

MDL 28170

Cat. No. CEI-0416

Lot. No. (See product label)

Introduction

Description A potent, cell-permeable, and selective inhibitor of calpain and cathepsin B (K_i values are 10 and 25 nM respectively). MDL 28170 does not inhibit trypsin-like serine proteases. Rapidly penetrates the blood-brain barrier following systemic administration and displays neuroprotective effects in vivo. Modulates the formation of A β formation by inhibiting the formation of intermediate A β 46 and protecting A β from degradation.

Synonyms Z-Val-Phe-CHO; Carbobenzoxy-valinyl-phenylalaninal; Calpain Inhibitor III

Product Information

Appearance White to off-white solid

CAS No. 88191-84-8

Molecular Formula C₂₂ H₂₆ N₂ O₄

Molecular Weight 628.81

Purity >98% by HPLC

Targets calpain, cathepsin B

Solubility DMSO

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack