

Catalog Number: CM11435

产品信息

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CM11435

CAS号:
497259-23-1

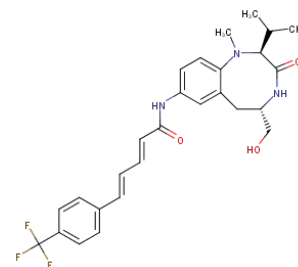
分子式:
 $C_{27}H_{30}F_3N_3O_3$

主要靶点:
PKC

主要通路:
表观遗传|细胞骨架

分子量:
501.54

溶解度:
DMSO:125 mg/mL (249.23 mM), Sonification is recommended.



靶点活性

PKC:11.9 nM (Ki)

体外活性

TPPB inhibits the activation of caspase-3 induced by A β 25-35. TPPB could increase the phosphorylation of Akt, PKC, MARCKS, and MAPK, which are inhibited by A β 25-35 treatment. TPPB at a concentration of 1 μ M could antagonize A β 25-35 induced cell damage. By the use of a cell line derived from an Alzheimer's disease patient, significant enhancement of sAPP α secretion is achieved at 1 μ M concentration for TPPB. TPPB has a role against A β 25-35-induced neurotoxicity in PC12 cells [1] [2].

体内活性

TPPB is evaluated for the induction of hyperplasia displays a modest response at 300 μ g after topical application to the shaved backs of outbred Sencar mice and [1].

描述

TPPB is a kinase C activator of cell-permeable benzolactam-derived protein (Ki: 11.9 nM).

储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years