Creative Enzymes®

α-Amyloid Precursor Protein Modulator

Cat. No. COEC-109

Lot. No. (See product label)

Introduction

Description	α-Amyloid Precursor Protein Modulator is a cell-permeable benzolactam derived PKC activator (Ki = 11.9 nM for PKCα) that efficiently enhances non-amyloidogenic α-processing of amyloid precursor protein (APP) even at 100 nM in human fibroblast AG06848. α-Amyloid Precursor Protein Modulator displays a marked loss of tumor promoting activity.
Applications	A cell-permeable benzolactam derived PKC activator
Synonyms	(2S,5S)-(E,E)-8-(5-(4-(Trifluoromethyl)phenyl)-2,4-pentadienoylamino)benzolactam; PKC Activator V

Product Information

Form	Solid
CAS No.	497259-23-1
Molecular Formula	C27H30F3N3O3
Molecular Weight	501.55
Purity	≥95%
Boiling Point	~728.8° C at 760 mmHg (Predicted)
Solubility	Soluble in DMSO (50 mg/ml), and methanol (1 mg/ml).