

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 ($K_i = 11.9$ nM for PKC α) 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).