

## **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 $\alpha$ ) that efficiently enhances non-amyloidogenic  $\alpha$ -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**

C<sub>27</sub>H<sub>30</sub>F<sub>3</sub>N<sub>3</sub>O<sub>3</sub>

#### **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).