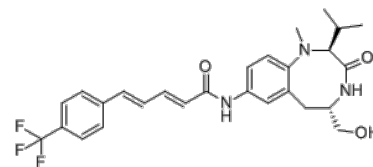


Product Name : TPPB
Cat. No. : PC-38022
CAS No. : 497259-23-1
Molecular Formula : C₂₇H₃₀F₃N₃O₃
Molecular Weight : 501.54
Target : PKC
Solubility : 10 mM in DMSO



Biological Activity

TPPB is a highly potent, selective and cell permeable protein kinase C (**PKC**) activator with K_i of 11.9 nM. TPPB induces differentiation of hESCs into Pdx-1 expressing pancreatic progenitor cells. TPPB also enhances the non-amyloidogenic processing of amyloid precursor protein, increasing secretion of sAPP α .

References

- Alan P Kozikowski, et al. *J Med Chem.* 2003 Jan 30;46(3):364-73.
Yang HQ, et al. *Eur J Neurosci.* 2007 Jul;26(2):381-91.
Yi P, et al. *J Mol Neurosci.* 2012 Sep;48(1):234-44.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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