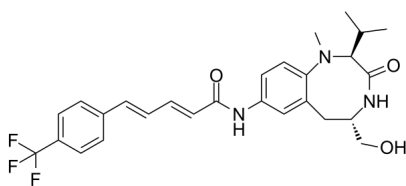


## Data Sheet

### Product Information

Catalog Number	BP14251
Product Name	TPPB
Description	TPPB is a kinase C activator of cell-permeable benzolactam-derived protein (Ki: 11.9 nM).
Targets&IC50	PKC:11.9 nM (ki)
In vitro	TPPB inhibits the activation of caspase-3 induced by A $\beta$ 25-35. TPPB could increase the phosphorylation of Akt, PKC, MARCKS, and MAPK, which are inhibited by A $\beta$ 25-35 treatment. TPPB at a concentration of 1 $\mu$ M could antagonize A $\beta$ 25-35 induced cell damage. By the use of a cell line derived from an Alzheimer's disease patient, significant enhancement of sAPP $\alpha$ secretion is achieved at 1 $\mu$ M concentration for TPPB. TPPB has a role against A $\beta$ 25-35-induced neurotoxicity in PC12 cells .
In vivo	TPPB is evaluated for the induction of hyperplasia displays a modest response at 300 $\mu$ g after topical application to the shaved backs of outbred Sencar mice and .
CAS No.	497259-23-1
Chemical Formula	C27H30F3N3O3
Molecular Weight	501.55
Solubility	DMSO: 125 mg/mL (249.23 mM), Need ultrasonic
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year

Chemical Structure  
OR  
Tested Image



Purdue Bioscience Inc.

750 50th St, Brooklyn, NY 11220, USA

<https://www.purduebio.com>

1-877.618.7311

info@purduebio.com

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