

Technical Data Sheet
TPPB

Compound Information

Product Name:	TPPB
CAS No.:	497259-23-1
Molecular Formula:	C ₂₇ H ₃₀ F ₃ N ₃ O ₃
Molecular Weight:	501.54
Storage:	Store at -20°C
Revision Date:	2026-04-27

Analytical Information

Tests	Specifications
Description	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. Displays a marked loss of tumor promoting ac
IUPAC Name	(2E,4E)- N- [(2S,5S)- 1,2,3,4,5,6- Hexahydro- 5- (hydroxymethyl)- 1- methyl- 2- (1- methylethyl)- 3- oxo- 1,4- benzodiazocin- 8- yl]- 5- [4- (trifluoromethyl)phenyl]- 2,4- pentadienamide
Form	Solid
Color	Light yellow to yellow
Solubility	25.08mg/mL in DMSO
HPLC	Shows 99.4% purity

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