

NPC-15437, PKC inhibitor

Catalog	Unit
TBI1387- 1MG	1 mg
TBI1387- 5MG	5 mg

Product Details

Formal Name: (S)-2,6-Diamino-N-[(1-(1-oxotridecyl)-2-piperidinyl)methyl]hexanamide dihydrochloride hydrate

Molecular Formula: C₂₅H₅₀N₄O₂ · 2HCl

Formula Weight: 511.61

CAS Number: 141774-20-1

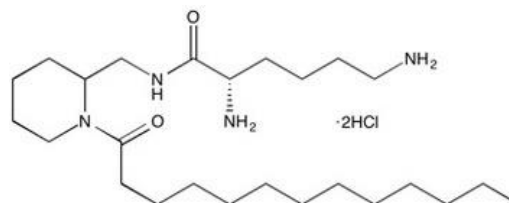
Purity: 98%

Formulation: Powder

Solubility: Soluble in Water (up to 10 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

PKC inhibitor

Functions

NPC-15437 (141774-20-1) is a potent and selective inhibitor of protein kinase C which binds to the regulatory domain (IC₅₀ = 19 μM). It specifically interacts with the C1 domain of PKC. Important tool for assessing the role of PKC in various signaling pathways. Cell permeable. Active in vivo.

Application Procedures

Dissolved in water (10 mg/ml). Solutions in water may be stored at -20°C for up to 3 months.

Relative Products

TBI1170	Mitomycin C
TBI1345	E64, Cysteine protease inhibitor
TBI1347	E64d, Cysteine protease inhibitor
TBI2064	Chromomycin A3
TBI2069	Cytochalasin B
TBI2794	5-EDU, DNA Click labeling probe
TBI2071	Cytochalasin D
TBI1286	Bestatin, Aminopeptidase inhibitor
TBI2140	Gemcitabine
TBI2058	Aphidicolin, DNA polymerase Inhibitor

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