

TTA-P2, T-type calcium channel blocker

Catalog	Unit
TBI3993-5MG	5 mg
TBI3993-25MG	25 mg

Product Details

Formal Name: (\pm)-3,5-Dichloro-N-[[1-[(2,2-dimethyloxan-4-yl)methyl]-4-fluoropiperidin-4-yl]methyl]benzamide

Molecular Formula: C₂₁H₂₉Cl₂FN₂O₂

Formula Weight: 431.40

CAS Number: 918430-49-6

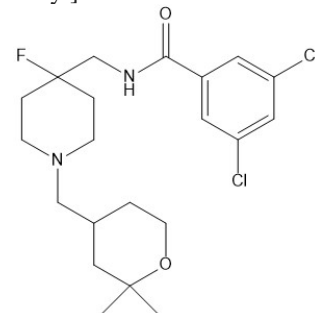
Purity: >98%

Formulation: powder

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

Storage: -20°C

Stability: \geq 2 years.



Applications

T-type calcium channel blocker

Functions

TTA-P2 is a potent (IC₅₀ = 100 nM), specific, and reversible antagonist of T-type calcium channels with no activity at high voltage calcium channels. Highly potent in two animal models of pain in vivo.

Application Procedures

First dissolved in DMSO (up to 10 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

For research use only.