
Catalog	Unit
TBI2346-50MG	50 mg
TBI2346-250MG	250 mg

Product Details

Formal Name: 3,5-Dimethyl-tricyclo[3.3.1.1^{3,7}]decan-1-amine HCl

Molecular Formula: C₁₂H₂₁N • HCl

Formula Weight: 215.76

CAS Number: 41100-52-1

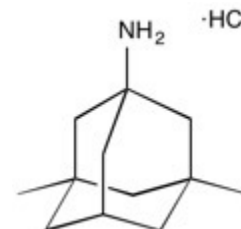
Purity: >98%

Formulation: powder

Solubility: Soluble in Water (up to 20 mg/ml).

Storage: RT

Stability: ≥ 1 year.



Applications

NMDA antagonist; Parkinson's disease therapeutic

Functions

An NMDA noncompetitive, low affinity, open channel blocker, IC₅₀~1 μM at -60 mV in rat retinal ganglion cells. Displays neuroprotective effects in excitotoxic conditions. Preferentially blocks excessive NMDA receptor activity without disrupting normal activity. A clinically well tolerated drug with therapeutic potential in numerous CNS degenerative disorders. In clinical use for Alzheimer's disease.

Application Procedures

First dissolved in Water (up to 20 mg/ml), then diluted to aqueous buffer. Solutions in distilled water may be stored at -20°C for up to 2 months.

For research use only.