

Catalog	Unit
TBI2449 - 10MG	10 mg
TBI2449 - 50MG	50 mg

Product Details

Formal Name: 6-Chloro-3,4-dihydro-3-(5-norbornen-2-yl)-2H-1,2,4-benzothiadiazine-7-sulfonamide-1,1-dioxide

Alternate Names: LY-35483

Molecular Formula: C₁₄H₁₆ClN₃O₄S₂

Formula Weight: 389.88

CAS Number: 2259-96-3

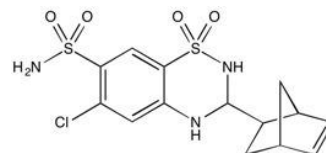
Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO (up to 35 mg/ml) or in Ethanol (up to 9 mg/ml).

Storage: RT

Stability: ≥ 2 years.



Applications

AMPA receptor positive allosteric modulator

Functions

Cyclothiazide (2259-96-3) is a positive allosteric modulator of AMPA receptors acting at a site distinct from that of 2,3-benzodiazepines. Clinically useful diuretic and antihypertensive agent. Induces robust epileptiform activity, inducing seizures but without neuronal death. Can be used to produce a new animal model for epilepsy.

Application Procedures

First dissolved in DMSO (up to 35 mg/ml) or in Ethanol (up to 9 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol 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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