

Cyclopiazonic acid, SR Ca²⁺ ATPase inhibitor

Catalog	Unit
TBI2067-5MG	5 mg
TBI2067-25MG	25 mg

Product Details

Formal Name: 10-acetyl-2,6,6aR,7,11aS,11bR-hexahydro-11-hydroxy-7,7-dimethyl-9H-pyrrolo[1',2':2,3]isoindolo[4,5,6-cd]indol-9-one

Alternate Names: CPA; NSC 117181

Molecular Formula: C₂₀H₂₀N₂O₃

Formula Weight: 336.4

CAS Number: 18172-33-3

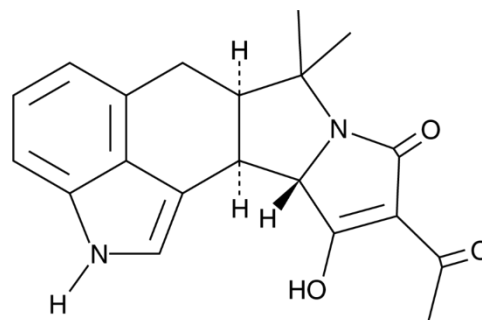
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (20 mg/ml), and DMF (30 mg/ml)

Storage: -20°C

Stability: ≥ 4 years



Applications

SR Ca²⁺ ATPase inhibitor

Functions

Cyclopiazonic acid has gastrointestinal, neurologic, and degenerative effects, including organ necrosis (liver, heart, kidney).

Procedures

First dissolved in DMSO (20 mg/ml), and DMF (30 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or DMF may be stored at -20°C for up to 1 day.

For research use only.