

Catalog	Unit
TBI2395-5MG	5 mg
TBI2395-25MG	25 mg

Product Details

Formal Name: N-(6-Oxo-5,6-dihydrophenanthridin-2-yl)-(N,N-dimethylamino)acetamide hydrochloride

Molecular Formula: C₁₇H₁₇N₃O₂

Formula Weight: 331.81

CAS Number: 344458-15-7

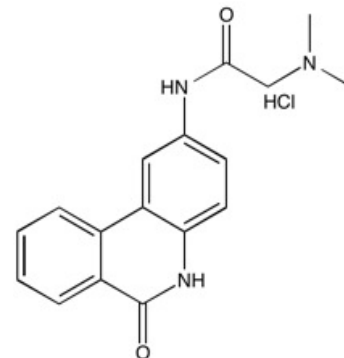
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 30 mg/ml) or in Water (up to 20 mg/ml).

Storage: RT

Stability: ≥ 2 years.



Applications

PARP1,2 inhibitor

Functions

A potent and selective inhibitor of PARP1 and 2. EC₅₀ = 20 nM. Reduces ischemia reperfusion injury in a mouse model. Displays anti-inflammatory effects in a transient focal cerebral ischemia mouse model. Causes PARP1 independent, p21 dependent mitotic arrest.

Application Procedures

First dissolved in DMSO (up to 30 mg/ml) or in Water (up to 20 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or distilled water may be stored at -20° for up to 3 months.

For research use only.