

ML-60218, RNA Polymerase III inhibitor

Catalog	Unit
TBI1481-5MG	5 mg
TBI1481-25MG	25 mg

Product Details

Alternate Names: RNA Polymerase III inhibitor

Molecular Formula: C₁₉H₁₅Cl₂N₃O₂S₂

Formula Weight: 452.38

CAS Number: 577784-91-9

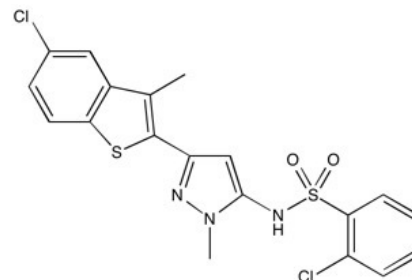
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 35 mg/ml) or in Ethanol (up to 5 mg/ml with warming)

Storage: RT

Stability: ≥ 1 year.



Applications

RNA Polymerase III inhibitor

Functions

A broad spectrum inhibitor of RNA polymerase III from *S. Cerevisiae* as well as from human cells, IC₅₀=32 μM and 27 μM respectively. Combined treatment with ML60218 and an HDAC inhibitor caused augmented suppression of colony formation, induction of cell cycle arrest and apoptotic cell death in human pancreatic adenocarcinoma cells.

Application Procedures

First dissolved in DMSO (up to 35 mg/ml) or in Ethanol (up to 5 mg/ml with warming), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 2 months.

For research use only.