

| Catalog | Unit |
|--------------|-------|
| TBI4836-5MG | 5 mg |
| TBI4836-25MG | 25 mg |

Product Details

Formal Name: 3-(2,7-Dimethoxyacridin-9-yl)sulfanylpropan-1-amine dihydrochloride

Molecular Formula: C₁₈H₂₀N₂O₂S·2HCl

Formula Weight: 401.4

CAS Number: 184582-62-5

Purity: >98%

Formulation: Powder

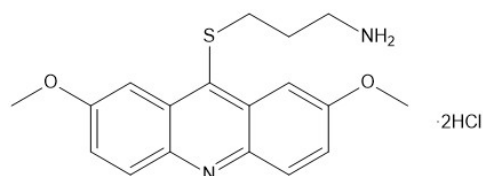
Solubility: Soluble in DMSO (up to at least 25 mg/ml) or in Water (up to at least 2 mg/ml)

Storage: -20°C

Stability: ≥ 1 year.

Applications

Haspin and DYRK2/3 inhibitor



Functions

LDN-192960 is a potent inhibitor of Haspin (IC₅₀ = 10 nM), DYRK2 (IC₅₀ = 2 nM), and DYRK3 (IC₅₀ = 19 nM). It induced cytotoxicity and growth inhibition in multiple myeloma and triple negative breast cancer cells and triple negative breast cancer mouse allo/xenografts via partial inhibition of 26S proteasome activity.

Application Procedures

First dissolved in DMSO (25 mg/ml) or Water (2 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or water may be stored at -20°C for up to 1 month.

For research use only.