
Catalog	Unit
TBI1385-10MG	10 mg
TBI1385-50MG	50 mg

Product Details

Formal Name: 3,5-Bis[(4-methylphenyl)methylene]-4-piperidone hydrochloride

Alternate Names: F6

Molecular Formula: C₂₁H₂₁NO · HCl

Formula Weight: 339.86

CAS Number: 157654-67-6

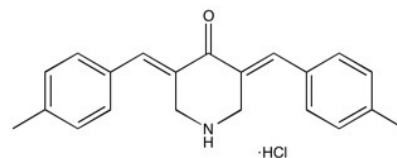
Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO (up to 8 mg/ml).

Storage: -20°C

Stability: ≥ 2 years.



Applications

DUB inhibitor

Functions

A pan-specific ubiquitin isopeptidase inhibitor. (IC₅₀= 45, 37 and 9.8 μM for USP2, USP7 and SENP2 respectively) Does not effect proteasome proteolytic activity. Induces apoptosis via a Bcl-2-dependent but apoptosome-independent mitochondrial pathway. Cell permeable..

Application Procedures

First dissolved in DMSO (up to 8 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 1 month.

For research use only.