

P5091, DUB USP7 inhibitor

Catalog	Unit
TBI1422-5MG	5 mg
TBI1422-25MG	25 mg

Product Details

Formal Name: 1-[5-[(2,3-Dichlorophenyl)thio]-4-nitro-2-thienyl]ethanone

Molecular Formula: C₁₂H₇Cl₂NO₃S₂

Formula Weight: 348.23

CAS Number: 882257-11-6

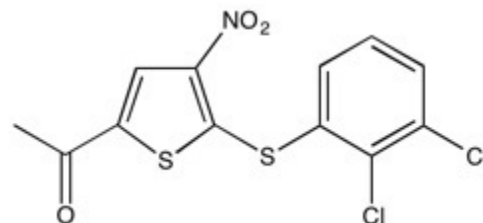
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 20 mg/ml) or in Ethanol (up to 40 mg/ml with warming).

Storage: RT

Stability: ≥ 1 year.



Applications

DUB USP7 inhibitor

Functions

Selective inhibitor of the ubiquitin-specific protease USP7 (IC₅₀=4.2 μM). Induces apoptosis in multiple myeloma cells and overcomes bortezomib resistance. Displays antiangiogenic activity in vivo. Cell permeable

Application Procedures

First dissolved in DMSO (up to 20 mg/ml) or in Ethanol (up to 40 mg/ml with warming), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20° for up to 3 months.

For research use only.