

Tenovin-3

Chemical Properties

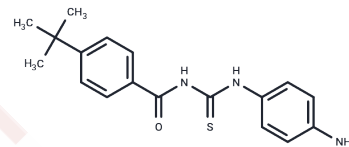
CAS No. : 1011301-27-1

Formula: C₁₈H₂₁N₃OS

Molecular Weight: 327.44

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Tenovin-3 acts as a p53 activator.
Targets(IC50)	Sirtuin

Solubility Information

Solubility	DMSO: 65 mg/mL (198.51 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.054 mL	15.270 mL	30.5399 mL
5 mM	0.6108 mL	3.054 mL	6.108 mL
10 mM	0.3054 mL	1.527 mL	3.054 mL
50 mM	0.0611 mL	0.3054 mL	0.6108 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Ma L, et al. Cell Death Dis. 2014 Oct 23;5:e1483.

Lv S, Pan Q, Lu W, et al.Tenovin 3 induces apoptosis and ferroptosis in EGFR 19del non small cell lung cancer cells. Scientific Reports.2024, 14(1): 7654.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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