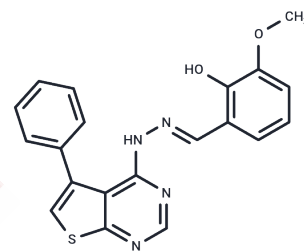


THP104c

## Chemical Properties

CAS No. : 877792-12-6  
 Formula: C<sub>20</sub>H<sub>16</sub>N<sub>4</sub>O<sub>2</sub>S  
 Molecular Weight: 376.43  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
*Actual storage temperature shall be subject to the COA.*



## Biological Description

Description	THP104c is an inhibitor of mitochondrial fission.
Targets(IC50)	Mitochondrial Metabolism

## Solubility Information

Solubility	DMSO: 50 mg/mL (132.83 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	2.6565 mL	13.2827 mL	26.5654 mL
5 mM	0.5313 mL	2.6565 mL	5.3131 mL
10 mM	0.2657 mL	1.3283 mL	2.6565 mL
50 mM	0.0531 mL	0.2657 mL	0.5313 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Amit K. TIWARI, et al. Necroptosis inducers or autophagy inhibitors or a combination thereof. Patent WO2019200221.

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