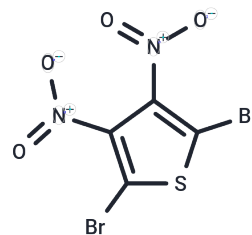


## 2,5-DIBROMO-3,4-DINITROTHIOPHENE

## Chemical Properties

CAS No. :	52431-30-8
Formula:	C4Br2N2O4S
Molecular Weight:	331.93
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	2,5-DIBROMO-3,4-DINITROTHIOPHENE is also known as 2,5-DBT. It is an organic bromine compound with a wide range of applications in biological research and chemical synthesis.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 55 mg/mL (165.7 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	3.0127 mL	15.0634 mL	30.1268 mL
5 mM	0.6025 mL	3.0127 mL	6.0254 mL
10 mM	0.3013 mL	1.5063 mL	3.0127 mL
50 mM	0.0603 mL	0.3013 mL	0.6025 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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