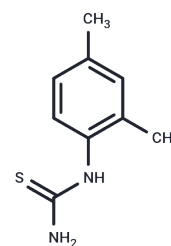


## 1-(2,4-Dimethylphenyl)-2-thiourea

## Chemical Properties

CAS No. :	16738-20-8
Formula:	C <sub>9</sub> H <sub>12</sub> N <sub>2</sub> S
Molecular Weight:	180.27
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	1-(2,4-Dimethylphenyl)-2-thiourea, with CAS No. 16738-20-8, is a fragment molecule that serves as an important scaffold for molecular linking, expansion, and modification. 1-(2,4-Dimethylphenyl)-2-thiourea provides a structural basis and research tool for the design and screening of novel drug candidates, and is commonly used in drug discovery, drug synthesis, and related research.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.5472 mL	27.7362 mL	55.4723 mL
5 mM	1.1094 mL	5.5472 mL	11.0945 mL
10 mM	0.5547 mL	2.7736 mL	5.5472 mL
50 mM	0.1109 mL	0.5547 mL	1.1094 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.

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