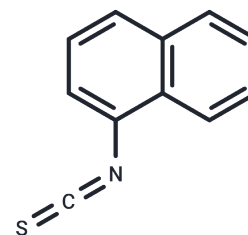


## 1-Naphthyl isothiocyanate

## Chemical Properties

CAS No. :	551-06-4
Formula:	C <sub>11</sub> H <sub>7</sub> NS
Molecular Weight:	185.25
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-Naphthyl isothiocyanate induces acute intrahepatic cholestasis in rats and can be used in biochemistry experiments and drug synthesis research.
Targets(IC50)	Others
In vivo	1-Naphthyl isothiocyanate induces acute intrahepatic cholestasis in rats [1].

## Solubility Information

Solubility	DMSO: 80.00 mg/mL (431.85 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	5.3981 mL	26.9906 mL	53.9811 mL
5 mM	1.0796 mL	5.3981 mL	10.7962 mL
10 mM	0.5398 mL	2.6991 mL	5.3981 mL
50 mM	0.108 mL	0.5398 mL	1.0796 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

Khamphaya T,et al. Effects of andrographolide on intrahepatic cholestasis induced by alpha-naphthylisothiocyanate in rats. Eur J Pharmacol. 2016 Oct 15;789:254-264.

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