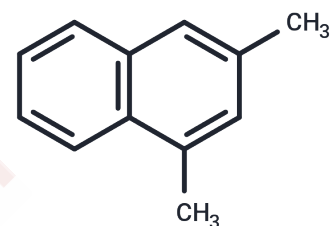


## 1,3-Dimethylnaphthalene

## Chemical Properties

CAS No. :	575-41-7
Formula:	C <sub>12</sub> H <sub>12</sub>
Molecular Weight:	156.22
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	1,3-Dimethylnaphthalene is a polycyclic aromatic hydrocarbon (PAH) derivative of naphthalene that is frequently found as a persistent chemical pollutant in contaminated marine sediments and coastal wetland ecosystems. 1,3-Dimethylnaphthalene is utilized in environmental research focused on marine biology and the dynamics of biogeochemical systems.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.4012 mL	32.0061 mL	64.0123 mL
5 mM	1.2802 mL	6.4012 mL	12.8025 mL
10 mM	0.6401 mL	3.2006 mL	6.4012 mL
50 mM	0.128 mL	0.6401 mL	1.2802 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

Brakstad OG, et al. Biodegradation-mediated alterations in acute toxicity of water-accommodated fraction and single crude oil components in cold seawater. Chemosphere. 2018 Aug;204:87-91.

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