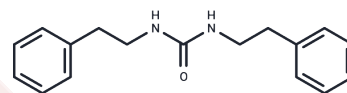


## 1,3-Diphenethylurea

## Chemical Properties

CAS No. :	5467-84-5
Formula:	C <sub>17</sub> H <sub>20</sub> N <sub>2</sub> O
Molecular Weight:	268.35
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-Diphenethylurea (N,N'-Bis(phenethyl)urea) is a marine derived natural products found in Lissoclinum patella.
Targets(IC50)	Others,Endogenous Metabolite

## Solubility Information

Solubility	DMSO: 50 mg/mL (186.32 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	3.7265 mL	18.6324 mL	37.2648 mL
5 mM	0.7453 mL	3.7265 mL	7.453 mL
10 mM	0.3726 mL	1.8632 mL	3.7265 mL
50 mM	0.0745 mL	0.3726 mL	0.7453 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

Issac M, et al. Mollecarbarnates, Molleureas, and Molledihydroisoquinolone, o-Carboxyphenethylamide Metabolites of the Ascidian Didemnum molle Collected in Madagascar. J Nat Prod. 2017 Jun 23;80(6):1844-1852.

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