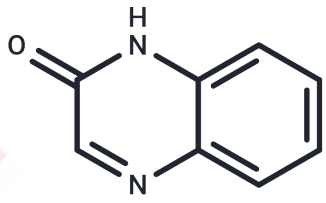
Data Sheet (Cat.No.T9932)

TargetMol

2(1H)-Quinoxalinone

Chemical Properties



CAS No. : 1196-57-2

Formula: C8H6N2O

Molecular Weight: 146.15

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(1H)-Quinoxalinone is a natural product extracted from edible flowers such as Clitoria ternatea and Hibiscus rosa sinensis.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 10 mg/mL (68.42 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.8423 mL	34.2114 mL	68.4229 mL
5 mM	1.3685 mL	6.8423 mL	13.6846 mL
10 mM	0.6842 mL	3.4211 mL	6.8423 mL
50 mM	0.1368 mL	0.6842 mL	1.3685 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

Kochadai N, et al. Effect of Radiofrequency Pre-treatment on the Extraction of Bioactives from Clitoria ternatea and Hibiscus rosa sinensis and Insights to Enzyme Inhibitory Activities[J]. Food and Bioprocess Technology, 2022, 15(3): 571-589.

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