

HHQ

Chemical Properties

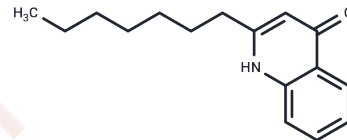
CAS No. : 40522-46-1

Formula: C₁₆H₂₁NO

Molecular Weight: 243.34

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	HHQ (2-heptylquinolin-4(1H)-one) is a PqsR antagonist.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 25 mg/mL (102.74 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	4.1095 mL	20.5474 mL	41.0948 mL
5 mM	0.8219 mL	4.1095 mL	8.219 mL
10 mM	0.4109 mL	2.0547 mL	4.1095 mL
50 mM	0.0822 mL	0.4109 mL	0.8219 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

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