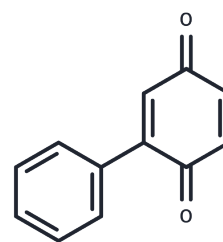


TFIIH Modulator-19

Chemical Properties

CAS No. :	363-03-1
Formula:	C ₁₂ H ₈ O ₂
Molecular Weight:	184.19
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	TFIIH Modulator-19 induces the dimerization of trichothiodystrophy group A protein to modulate TFIIH transcriptional activity.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 1.85 mg/mL (10.04 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	5.4292 mL	27.1459 mL	54.2918 mL
5 mM	1.0858 mL	5.4292 mL	10.8584 mL
10 mM	0.5429 mL	2.7146 mL	5.4292 mL
50 mM	0.1086 mL	0.5429 mL	1.0858 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

- Pinho-Ribeiro FA, et al. Protective effects of the flavonoid hesperidin methyl chalcone in inflammation and pain in mice: role of TRPV1, oxidative stress, cytokines and NF- κ B. *Chem Biol Interact.* 2015 Feb 25;228:88-99.
- Stygles VG, et al. The effect of indoprofen on phenylquinone-writhing and prostaglandin synthesis. *Arch Int Pharmacodyn Ther.* 1978 Sep;235(1):43-50.

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