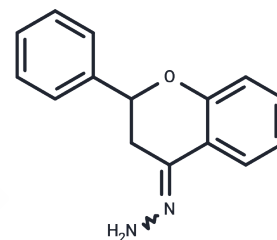


Flavanone hydrazone

Chemical Properties

CAS No. :	1692-46-2
Formula:	C ₁₅ H ₁₄ N ₂ O
Molecular Weight:	238.29
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	Flavanone hydrazone is a potent non-steroidal anti-inflammatory agent that effectively inhibits lens protein-induced ocular inflammation.
Targets(IC50)	Others
In vivo	Flavanone hydrazone inhibits uveitis induced by endotoxins and interleukin-1 (IL-1).

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1966 mL	20.9828 mL	41.9657 mL
5 mM	0.8393 mL	4.1966 mL	8.3931 mL
10 mM	0.4197 mL	2.0983 mL	4.1966 mL
50 mM	0.0839 mL	0.4197 mL	0.8393 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

Yao, Q.-S., et al. Prevention of Lens Protein-, Endotoxin-, and Interleukin- 1- induced uveitis with chalcone derivatives. *Inflammopharmacology*, 2(4), 401-409.

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