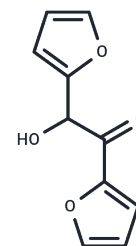


Furoin

Chemical Properties

CAS No. :	552-86-3
Formula:	C ₁₀ H ₈ O ₄
Molecular Weight:	192.17
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	Furoin is an organic compound. It can be produced from furfural by a benzoin condensation reaction catalyzed by cyanide ions.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.2037 mL	26.0186 mL	52.0373 mL
5 mM	1.0407 mL	5.2037 mL	10.4075 mL
10 mM	0.5204 mL	2.6019 mL	5.2037 mL
50 mM	0.1041 mL	0.5204 mL	1.0407 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

Ma X, Zhou X, Yu A, Zhao W, Zhang W, Zhang S, Wei L, Cook DJ, Roy A. Functionalized metal-organic framework nanocomposites for dispersive solid phase extraction and enantioselective capture of chiral drug intermediates. J Chromatogr A. 2018 Feb 16;1537:1-9. doi: 10.1016/j.chroma.2017.12.067. Epub 2018 Jan 6. PubMed PMID: 29336807.

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