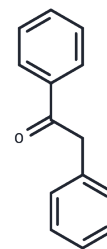


Deoxybenzoin

Chemical Properties

CAS No. :	451-40-1
Formula:	C ₁₄ H ₁₂ O
Molecular Weight:	196.24
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Deoxybenzoin (2-Phenylacetophenone) is used to target immune sensors and xanthine oxidase. It is used for the treatment of gout.
Targets(IC ₅₀)	Others

Solubility Information

Solubility	DMSO: 60 mg/ml (305.75 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.0958 mL	25.479 mL	50.958 mL
5 mM	1.0192 mL	5.0958 mL	10.1916 mL
10 mM	0.5096 mL	2.5479 mL	5.0958 mL
50 mM	0.1019 mL	0.5096 mL	1.0192 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.

Reference

Huang J, Zhou Z, Zhou M, Miao M, Li H, Hu Q. Development of benzoxazole deoxybenzoin oxime and acyloxylamine derivatives targeting innate immune sensors and xanthine oxidase for treatment of gout. Bioorg

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