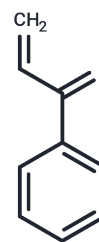


3-Oxo-3-phenylpropene

Chemical Properties

CAS No. :	768-03-6
Formula:	C9H8O
Molecular Weight:	132.16
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	3-Oxo-3-phenylpropene is an active-site directed irreversible inhibitor of hydroxynitrile lyase.
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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	7.5666 mL	37.8329 mL	75.6659 mL
5 mM	1.5133 mL	7.5666 mL	15.1332 mL
10 mM	0.7567 mL	3.7833 mL	7.5666 mL
50 mM	0.1513 mL	0.7567 mL	1.5133 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

Watanabe A, Kamada G, Imanari M, Shiba N, Yonai M, Muramoto T. Effect of aging on volatile compounds in cooked beef. Meat Sci. 2015 Sep;107:12-9. doi: 10.1016/j.meatsci.2015.04.004. Epub 2015 Apr 16. PubMed PMID:

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