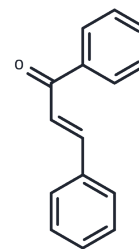


trans-Chalcone

Chemical Properties

CAS No. :	614-47-1
Formula:	C ₁₅ H ₁₂ O
Molecular Weight:	208.26
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	trans-Chalcone (Chalkone) is an aromatic ketone that forms the central core for a variety of important biological compounds, which are known collectively as chalcones.
Targets(IC50)	Apoptosis,Antifungal,Fatty Acid Synthase

Solubility Information

Solubility	DMSO: 70 mg/mL (336.12 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	4.8017 mL	24.0085 mL	48.0169 mL
5 mM	0.9603 mL	4.8017 mL	9.6034 mL
10 mM	0.4802 mL	2.4008 mL	4.8017 mL
50 mM	0.096 mL	0.4802 mL	0.9603 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

Mahapatra. European Journal of Medicinal Chemistry. 92: 839-865.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481