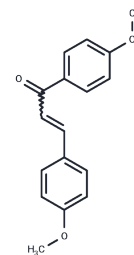


4,4'-Dimethoxychalcone

Chemical Properties

CAS No. :	2373-89-9
Formula:	C17H16O3
Molecular Weight:	268.31
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	4,4'-Dimethoxychalcone (4,4-Dimethoxychalcone) is a natural product.
Targets(IC50)	Others, Autophagy

Solubility Information

Solubility	DMSO: 2.68 mg/mL (10 mM), (< 1 mg/mL refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.727 mL	18.6352 mL	37.2703 mL
5 mM	0.7454 mL	3.727 mL	7.4541 mL
10 mM	0.3727 mL	1.8635 mL	3.727 mL
50 mM	0.0745 mL	0.3727 mL	0.7454 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

Imen Aribi, Sahbi Ayachi, Kamel Alimi, et al. The anodic reactivity of 4,4'-dimethoxychalcone: a synthetic and mechanistic investigation. 16 June 2016

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