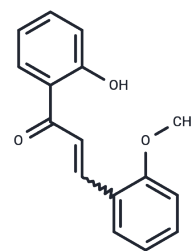


## 2'-Hydroxy-2-methoxychalcone

## Chemical Properties

CAS No. :	42220-77-9
Formula:	C <sub>16</sub> H <sub>14</sub> O <sub>3</sub>
Molecular Weight:	254.28
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	2'-Hydroxy-2-methoxychalcone is a synthetic chalcone with antibacterial activity.
Targets(IC50)	Antibacterial

## Solubility Information

Solubility	DMSO: 50 mg/mL (196.63 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	3.9327 mL	19.6634 mL	39.3267 mL
5 mM	0.7865 mL	3.9327 mL	7.8653 mL
10 mM	0.3933 mL	1.9663 mL	3.9327 mL
50 mM	0.0787 mL	0.3933 mL	0.7865 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

Wallet J C , Molins E , Miravittles C . 2'-Hydroxy-2-methoxychalcone[J]. Acta Crystallographica Section C Crystal Structure Communications, 1995, 51:123-125.

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