

Carthamidin

Chemical Properties

CAS No. : 479-54-9

Formula: C₁₅H₁₂O₆

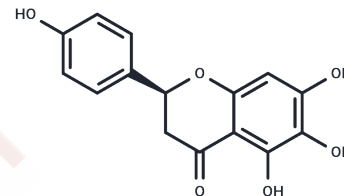
Molecular Weight: 288.25

Keep away from direct sunlight, Keep away from moisture

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	Carthamidin is a natural product isolated from <i>Aspergillus niger</i> , applicable for biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 100 mg/mL (346.92 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	3.4692 mL	17.3461 mL	34.6921 mL
5 mM	0.6938 mL	3.4692 mL	6.9384 mL
10 mM	0.3469 mL	1.7346 mL	3.4692 mL
50 mM	0.0694 mL	0.3469 mL	0.6938 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

Xu J, et al. An efficient way from naringenin to carthamidine and isocarthamidine by *Aspergillus niger*. *World J Microbiol Biotechnol.* 2012;28(4):1803-1806.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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