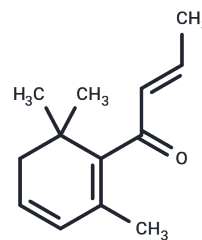


Damascenone

Chemical Properties

CAS No. :	23696-85-7
Formula:	C ₁₃ H ₁₈ O
Molecular Weight:	190.28
Appearance:	no data available
Storage:	Pure form: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Damascenone is a mixture of E- and Z-isomer damascenones, characteristic compounds with anti-inflammatory properties derived from <i>Epipremnum pinnatum</i> .
Targets(IC ₅₀)	NF-κB, Endogenous Metabolite

Solubility Information

Solubility	DMSO: 60 mg/mL (315.32 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	5.2554 mL	26.2771 mL	52.5541 mL
5 mM	1.0511 mL	5.2554 mL	10.5108 mL
10 mM	0.5255 mL	2.6277 mL	5.2554 mL
50 mM	0.1051 mL	0.5255 mL	1.0511 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

Lapczynski, A., Lalko, J., McGinty, D., Bhatia, S., Letizia, C., & Api, A. (2007). Fragrance material review on damascenone. Food And Chemical Toxicology, 45(1), S172-S178. doi: 10.1016/j.fct.2007.09.056

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