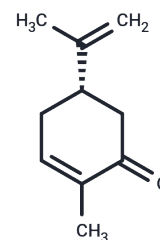


(S)-(+)-Carvone

Chemical Properties

CAS No. :	2244-16-8
Formula:	C ₁₀ H ₁₄ O
Molecular Weight:	150.22
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	(S)-(+)-Carvone ((+)-Carvone) is the main constituent of caraway oil and pineapple seed oil.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (332.84 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.6569 mL	33.2845 mL	66.569 mL
5 mM	1.3314 mL	6.6569 mL	13.3138 mL
10 mM	0.6657 mL	3.3285 mL	6.6569 mL
50 mM	0.1331 mL	0.6657 mL	1.3314 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

Chen D, et al. A Concise, Efficient and Scalable Total Synthesis of Thapsigargin and Nortrilobolide from (R)-(-)-Carvone. J Am Chem Soc. 2017 May 3;139(17):6046-6049.

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