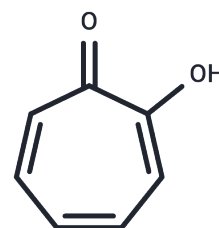


Tropolone

Chemical Properties

CAS No. : 533-75-5
Formula: C₇H₆O₂
Molecular Weight: 122.12
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Tropolone, a metal chelator, possesses weak antioxidative and radical-scavenging properties and shows a strong affinity for ferric ion
Targets(IC50)	Tyrosinase

Solubility Information

Solubility	DMSO: 24 mg/mL (196.52 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.1887 mL	40.9433 mL	81.8867 mL
5 mM	1.6377 mL	8.1887 mL	16.3773 mL
10 mM	0.8189 mL	4.0943 mL	8.1887 mL
50 mM	0.1638 mL	0.8189 mL	1.6377 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

Kahn V , Andrawis A . Inhibition of mushroom tyrosinase by tropolone[J]. Phytochemistry, 1985, 24(5):905-908.
Nolting D D , Nickels M , Price R , et al. Synthesis of bicyclo[5.3.0]azulene derivatives[J]. nature protocols, 2009, 4

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