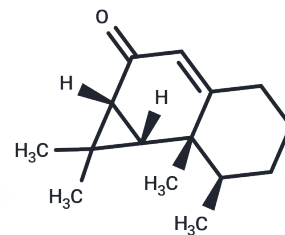


## Aristolone

## Chemical Properties

CAS No. :	25274-27-5
Formula:	C <sub>15</sub> H <sub>22</sub> O
Molecular Weight:	218.33
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	Aristolone (Aristofone) has potential anti-cancer activity.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 45 mg/mL (206.11 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	4.5802 mL	22.9011 mL	45.8022 mL
5 mM	0.916 mL	4.5802 mL	9.1604 mL
10 mM	0.458 mL	2.2901 mL	4.5802 mL
50 mM	0.0916 mL	0.458 mL	0.916 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

Priya Rani, M., & Padmakumari, K. (2012). HPTLC and reverse phase HPLC methods for the simultaneous quantification and in vitro screening of antioxidant potential of isolated sesquiterpenoids from the rhizomes of *Cyperus rotundus*. Journal Of Chromatography B, 904, 22-28. doi: 10.1016/j.jchromb.2012.05.042

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