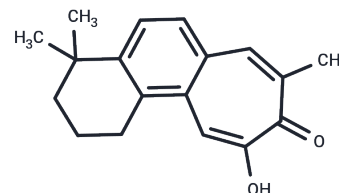


Salviolone

Chemical Properties

CAS No. :	119400-86-1
Formula:	C ₁₈ H ₂₀ O ₂
Molecular Weight:	268.35
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Salviolone exhibits cytotoxic activity against Vero cells.
In vitro	METHODS AND RESULTS: A new type of bisnorditerpene, Salvialone (4) having a benzotropolone moiety has been isolated together with two other nor- and bisnorditerpenes 1 and 2 from the fresh root of Salvia miltiorrhiza. CONCLUSIONS: The compounds exhibit cytotoxic activity against Vero cells.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7265 mL	18.6324 mL	37.2648 mL
5 mM	0.7453 mL	3.7265 mL	7.453 mL
10 mM	0.3726 mL	1.8632 mL	3.7265 mL
50 mM	0.0745 mL	0.3726 mL	0.7453 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

Salviolone, a cytotoxic bisnorditerpene with a benzotropolone chromophore from a chinese drug dan-shen (salvia miltiorrhiza). Tetrahedron Letters, 1988, 29(36):4603-4606.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481