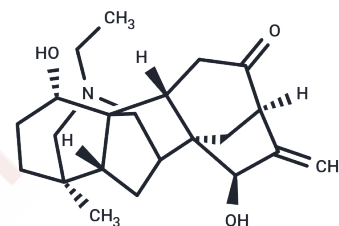


## Songorine

### Chemical Properties

CAS No. :	509-24-0
Formula:	C <sub>22</sub> H <sub>31</sub> NO <sub>3</sub>
Molecular Weight:	357.49
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



### Biological Description

Description	Songorine (Napellonine) shows favorable anti-tumor activity in preliminary pharmacological verification trials including cell proliferation and molecular docking assays.
Targets(IC50)	GABA Receptor

### Solubility Information

Solubility	Chloroform, Dichloromethane, Ethyl Acetate, Acetone, etc.: Soluble, DMSO: 64 mg/mL (179.03 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	2.7973 mL	13.9864 mL	27.9728 mL
5 mM	0.5595 mL	2.7973 mL	5.5946 mL
10 mM	0.2797 mL	1.3986 mL	2.7973 mL
50 mM	0.0559 mL	0.2797 mL	0.5595 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

Bu Y , He X , Hu Q , et al. A novel cell membrane affinity sample pretreatment technique for recognition and preconcentration of active components from traditional Chinese medicine[J]. Scientific Reports, 2017, 7(1):3569.

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