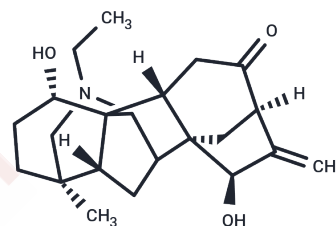


## Songorine

## Chemical Properties

CAS No. :	509-24-0
Formula:	C <sub>22</sub> H <sub>31</sub> NO <sub>3</sub>
Molecular Weight:	357.49
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



## 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)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (5.59 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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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