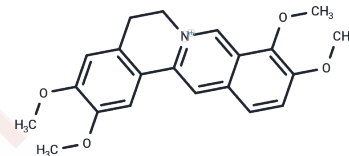


## Palmatine

## Chemical Properties

CAS No. :	3486-67-7
Formula:	C <sub>21</sub> H <sub>22</sub> N <sub>2</sub> O <sub>4</sub>
Molecular Weight:	352.4
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	1. Palmatine (Burasaine) is an inhibitor of dopamine generation. 2. Palmatine could potentially be developed for the treatment of flavivirus infections. 3. Palmatine has been used in the treatment of jaundice, dysentery, hypertension, inflammation, and liver-related diseases.
Targets(IC50)	Apoptosis, Antibacterial, AChR, Parasite, Aurora Kinase, Cholinesterase (ChE), IDO, Indoleamine 2,3-Dioxygenase (IDO), Virus Protease

## Solubility Information

Solubility	DMSO: 16.5 mg/mL (46.82 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	2.8377 mL	14.1884 mL	28.3768 mL
5 mM	0.5675 mL	2.8377 mL	5.6754 mL
10 mM	0.2838 mL	1.4188 mL	2.8377 mL
50 mM	0.0568 mL	0.2838 mL	0.5675 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

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