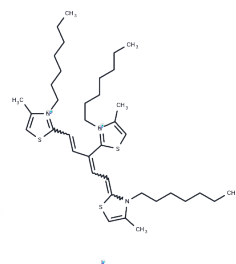


## Platonin

## Chemical Properties

CAS No. :	3571-88-8
Formula:	C <sub>38</sub> H <sub>61</sub> I <sub>2</sub> N <sub>3</sub> S <sub>3</sub>
Molecular Weight:	909.91
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	Platonin is a therapeutic immunomodulating medicine and a possible medicine against ischemic stroke.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.099 mL	5.495 mL	10.9901 mL
5 mM	0.2198 mL	1.099 mL	2.198 mL
10 mM	0.1099 mL	0.5495 mL	1.099 mL
50 mM	0.022 mL	0.1099 mL	0.2198 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

- Yeh CT, Kao MC, Chen CH, Huang CJ. Platonin preserves blood-brain barrier integrity in septic rats. *Acta Anaesthesiol Taiwan*. 2015 Mar;53(1):12-5. doi: 10.1016/j.aat.2015.02.001. Epub 2015 Mar 17. PubMed PMID: 25791838.
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- Sheu JR, Chen ZC, Jayakumar T, Chou DS, Yen TL, Lee HN, Pan SH, Hsia CH, Yang CH, Hsieh CY. A novel indication of platonin, a therapeutic immunomodulating medicine, on neuroprotection against ischemic stroke in mice. *Sci Rep*. 2017 Feb 6;7:42277. doi: 10.1038/srep42277. PubMed PMID: 28165057; PubMed Central PMCID: PMC5292718.
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