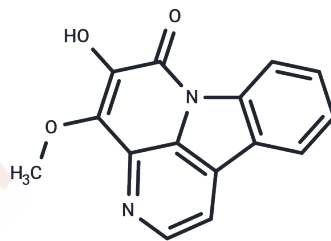


## Nigakinone

## Chemical Properties

CAS No. :	18110-86-6
Formula:	C <sub>15</sub> H <sub>10</sub> N <sub>2</sub> O <sub>3</sub>
Molecular Weight:	266.25
Storage:	Keep away from direct sunlight,Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Nigakinone, isolated from Kumu, is an alkaloid with the pharmacological activity.
Targets(IC50)	Others,Serine/threonin kinase

## Solubility Information

Solubility	DMSO: 8 mg/mL (30.05 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	3.7559 mL	18.7793 mL	37.5587 mL
5 mM	0.7512 mL	3.7559 mL	7.5117 mL
10 mM	0.3756 mL	1.8779 mL	3.7559 mL
50 mM	0.0751 mL	0.3756 mL	0.7512 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

Wang N, et al. Quality Assessment of Kumu Injection, a Traditional Chinese Medicine Preparation, Using HPLC Combined with Chemometric Methods and Qualitative and Quantitative Analysis of Multiple Alkaloids by Single Marker. *Molecules*. 2018 Apr 9;23(4).

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