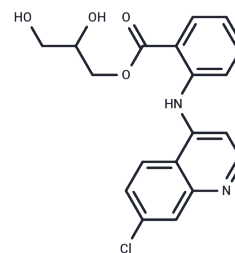


## Glafenine

## Chemical Properties

CAS No. :	3820-67-5
Formula:	C <sub>19</sub> H <sub>17</sub> ClN <sub>2</sub> O <sub>4</sub>
Molecular Weight:	372.8
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	Glafenine (Glafenin), a non-narcotic analgesic agent, is a non-steroidal anti-inflammatory drug (NSAID), and widely used for the therapy of pains of various origins.
Targets(IC50)	Apoptosis,Others,CFTR,COX

## Solubility Information

Solubility	DMSO: 166.67 mg/mL (447.08 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: 10 mg/mL (26.82 mM),Solution. 10% DMSO+90% Saline: < 10 mg/mL (26.82 mM),Lower concentrations may be soluble, but exact solubility limit is unknown. <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	2.6824 mL	13.412 mL	26.824 mL
5 mM	0.5365 mL	2.6824 mL	5.3648 mL
10 mM	0.2682 mL	1.3412 mL	2.6824 mL
50 mM	0.0536 mL	0.2682 mL	0.5365 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

Kleinknecht D, et al. Clin Nephrol. 1986 Jun;25(6):275-81.

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