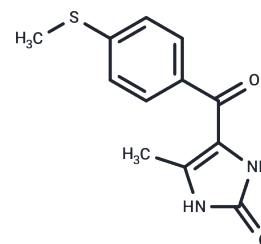


## Enoximone

## Chemical Properties

CAS No. :	77671-31-9
Formula:	C <sub>12</sub> H <sub>12</sub> N <sub>2</sub> O <sub>2</sub> S
Molecular Weight:	248.3
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	Enoximone is a selective inhibitor of phosphodiesterase III (PDE3), with treatment of congestive heart failure.
Targets(IC50)	PDE
In vivo	Perioperative Enoximone administration improved renal function in patients undergoing on-pump cardiac surgery.

## Solubility Information

Solubility	DMSO: 2.49 mg/mL (10.03 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	4.0274 mL	20.1369 mL	40.2739 mL
5 mM	0.8055 mL	4.0274 mL	8.0548 mL
10 mM	0.4027 mL	2.0137 mL	4.0274 mL
50 mM	0.0805 mL	0.4027 mL	0.8055 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

Emiliano Angeloni , Giovanni Melina , Francesco Federici, et al. Preliminary Results of the Multicenter Observational Study With Enoximone in Cardiac Surgery (MOSEC). Observational Study Int J Cardiol. 2018 Oct 15;269:51-55.

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