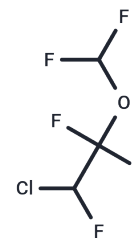


## Enflurane

## Chemical Properties

CAS No. :	13838-16-9
Formula:	C <sub>3</sub> H <sub>2</sub> ClF <sub>5</sub> O
Molecular Weight:	184.49
Storage:	Store at low temperature Pure form: -20°C for 3 years   In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Enflurane (Efrane), a volatile anaesthetic, is a potent inhibitor of high conductance Ca <sup>2+</sup> -activated K <sup>+</sup> channels of <i>Chara australis</i> . Enflurane is an internal standard in monitoring halogenated volatile anaesthetics by headspace gas chromatography-mass spectrometry. It allows rapid adjustments of anesthesia depth with little change in pulse or respiratory rate.
Targets(IC50)	Others,Potassium Channel

## Solubility Information

Solubility	DMSO: 55 mg/mL (298.12 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	5.4203 mL	27.1017 mL	54.2035 mL
5 mM	1.0841 mL	5.4203 mL	10.8407 mL
10 mM	0.542 mL	2.7102 mL	5.4203 mL
50 mM	0.1084 mL	0.542 mL	1.0841 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.

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