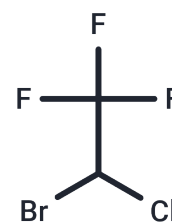


Halothane

Chemical Properties

CAS No. :	151-67-7
Formula:	C ₂ HBrClF ₃
Molecular Weight:	197.38
Appearance:	no data available
Storage:	store at low temperature
	Pure form: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Halothane (Anestan) is a nonflammable, halogenated, hydrocarbon anesthetic that provides relatively rapid induction with little or no excitement. Analgesia may not be adequate. NITROUS OXIDE is often given concomitantly. Because halothane may not produce sufficient muscle relaxation, supplemental neuromuscular blocking agents may be required.
Targets(IC50)	GABA Receptor,NMDAR,Chloride channel,Potassium Channel

Solubility Information

Solubility	H ₂ O: 40 mg/mL (202.65 mM),Sonication is recommended. DMSO: 160 mg/mL (810.62 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	5.0664 mL	25.3318 mL	50.6637 mL
5 mM	1.0133 mL	5.0664 mL	10.1327 mL
10 mM	0.5066 mL	2.5332 mL	5.0664 mL
50 mM	0.1013 mL	0.5066 mL	1.0133 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.

Reference

Namba T, et al. Eur J Pharmacol. 2000 Apr 28;395(2):95-101.

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