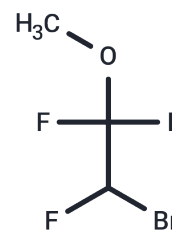


Roflurane

Chemical Properties

CAS No. : 679-90-3
Formula: C₃H₄BrF₃O
Molecular Weight: 192.96
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Roflurane is a halocarbon drug. It has been investigated as an inhalational anesthetic.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.1824 mL	25.9121 mL	51.8242 mL
5 mM	1.0365 mL	5.1824 mL	10.3648 mL
10 mM	0.5182 mL	2.5912 mL	5.1824 mL
50 mM	0.1036 mL	0.5182 mL	1.0365 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

Chen Q, Kinde MN, Arjunan P, Wells MM, Cohen AE, Xu Y, Tang P. Direct Pore Binding as a Mechanism for Isoflurane Inhibition of the Pentameric Ligand-gated Ion Channel ELIC. Sci Rep. 2015 Sep 8;5:13833. doi: 10.1038/srep13833.

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