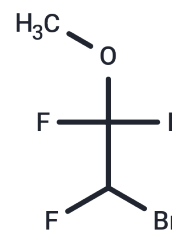


Roflurane

Chemical Properties

CAS No. :	679-90-3
Formula:	C ₃ H ₄ BrF ₃ O
Molecular Weight:	192.96
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	Roflurane is a halocarbon drug. It has been investigated as an inhalational anesthetic.
Targets(IC50)	Others,Endogenous Metabolite

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.

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

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- Gianotti G, Valverde A, Johnson R, Sinclair M, Gibson T, Dyson DH. Influence of prior determination of baseline minimum alveolar concentration (MAC) of isoflurane on the effect of ketamine on MAC in dogs. *Can J Vet Res.* 2014 Jul;78(3):207-13. PubMed PMID: 24982552; PubMed Central PMCID: PMC4068412.
- Truchetti G, Burns P, Nichols S, Parent J. Effects of isoflurane on somatosensory-evoked potentials in calves: a pilot study. *Can J Vet Res.* 2015 Jan;79(1):22-30. PubMed PMID: 25673905; PubMed Central PMCID: PMC4283230.
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