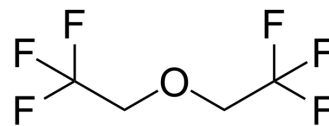


Fluorothyl

Cat. No.:	HY-B1112
CAS No.:	333-36-8
Molecular Formula:	C ₄ H ₄ F ₆ O
Molecular Weight:	182.06
Target:	Others
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 125 mg/mL (686.59 mM)
 H₂O : 100 mg/mL (549.27 mM; Need ultrasonic)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
	1 mM		5.4927 mL	27.4635 mL	54.9269 mL
	5 mM		1.0985 mL	5.4927 mL	10.9854 mL
	10 mM		0.5493 mL	2.7463 mL	5.4927 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
 Solubility: ≥ 2.08 mg/mL (11.42 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Fluorothyl (Flurothyl) is a inhaling volatile liquid.

REFERENCES

[1]. Gao Y, et al. IL-33 Provides Neuroprotection through Suppressing Apoptotic, Autophagic and NF-κB-Mediated Inflammatory Pathways in a Rat Model of Recurrent Neonatal Seizure. *Front Mol Neurosci.* 2017 Dec 19;10:423.

Caution: Product has not been fully validated for medical applications. For research use only.

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