

## 2-(Difluoromethoxy)-1,1,1-trifluoroethane

## Chemical Properties

CAS No. :	1885-48-9
Formula:	C3H3F5O
Molecular Weight:	150.05
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	Difluoromethyl 2,2,2-trifluoroethyl ether is an intermediate compound for Isoflurane, which is a volatile general anesthetic used for the induction and maintenance of general anesthesia. Isoflurane binds to the GABAA receptor, enhancing its effects, and it also inhibits electron transfer in respiratory complex I.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.6644 mL	33.3222 mL	66.6445 mL
5 mM	1.3329 mL	6.6644 mL	13.3289 mL
10 mM	0.6664 mL	3.3322 mL	6.6644 mL
50 mM	0.1333 mL	0.6664 mL	1.3329 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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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481