

## Flosatidil

## Chemical Properties

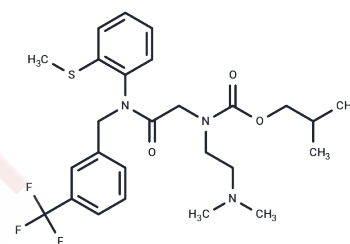
CAS No. : 113593-34-3

Formula: C<sub>26</sub>H<sub>34</sub>F<sub>3</sub>N<sub>3</sub>O<sub>3</sub>S

Molecular Weight: 525.63

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Flosatidil is a small molecule voltage-gated calcium channel complex (VDCCs) blocker for the treatment of neurological disorders and cardiovascular diseases, and can be used in the study of angina pectoris.
Targets(IC50)	Calcium Channel

## Solubility Information

Solubility	DMSO: 50 mg/mL (95.12 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	1.9025 mL	9.5124 mL	19.0248 mL
5 mM	0.3805 mL	1.9025 mL	3.805 mL
10 mM	0.1902 mL	0.9512 mL	1.9025 mL
50 mM	0.038 mL	0.1902 mL	0.3805 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

Flaminio L, et al. Determination of a new calcium antagonist in human plasma by liquid extraction enrichment and HPLC with UV detection. *Chromatographia*. 1993; 36: 343-346.

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