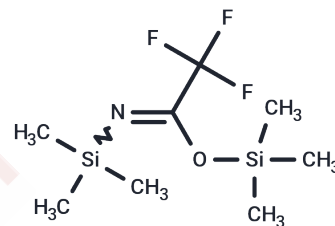


BSTFA-TMCS

Chemical Properties

CAS No. :	25561-30-2
Formula:	C ₈ H ₁₈ F ₃ NO ₂ Si ₂
Molecular Weight:	257.4
Storage:	Store at low temperature
	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	BSTFA-TMCS (N,O-Bis(trimethylsilyl)trifluoroacetamide) is an important pharmaceutical intermediate that reduces the polarity of hydroxyl-containing compounds and can be used for GC analysis.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.885 mL	19.425 mL	38.850 mL
5 mM	0.777 mL	3.885 mL	7.770 mL
10 mM	0.3885 mL	1.9425 mL	3.885 mL
50 mM	0.0777 mL	0.3885 mL	0.777 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

- Hu Z, et al. A Novel Electrolyte Additive Enables High-Voltage Operation of Nickel-Rich Oxide/Graphite Cells. *J Phys Chem Lett.* 2021 May 13;12(18):4327-4338.
- Kranz W, et al. Optimization of total vaporization solid-phase microextraction (TV-SPME) for the determination of lipid profiles of *Phormia regina*, a forensically important blow fly species. *Anal Bioanal Chem.* 2017 Nov;409(27):6349-6357. doi: 10.1007/s00216-017-0573-6. Epub 2017 Aug 29.

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