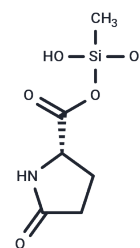


## Methylsilanol PCA

## Chemical Properties

CAS No. :	105883-41-8
Formula:	C <sub>6</sub> H <sub>11</sub> NO <sub>5</sub> Si
Molecular Weight:	205.24
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	Methylsilanol PCA is a bioactive chemical.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8723 mL	24.3617 mL	48.7234 mL
5 mM	0.9745 mL	4.8723 mL	9.7447 mL
10 mM	0.4872 mL	2.4362 mL	4.8723 mL
50 mM	0.0974 mL	0.4872 mL	0.9745 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

Zondlo Fiume M. Final report on the safety assessment of Tocopherol, Tocopheryl Acetate, Tocopheryl Linoleate, Tocopheryl Linoleate/Oleate, Tocopheryl Nicotinate, Tocopheryl Succinate, Dioleoyl Tocopheryl Methylsilanol, Potassium Ascorbyl Tocopheryl Phosphate, and Tocophersolan. Int J Toxicol. 2002;21 Suppl 3:51-116. Review. PubMed PMID: 12537931.

Mutahi Mw, Nittoli T, Guo L, Sieburth SM. Silicon-based metalloprotease inhibitors: synthesis and evaluation of silanol and silanediol peptide analogues as inhibitors of angiotensin-converting enzyme. J Am Chem Soc. 2002 Jun 26;124(25):7363-75. PubMed PMID: 12071745.

Warkentin P, Wälivaara B, Lundström I, Tengvall P. Differential surface binding of albumin, immunoglobulin G and fibrinogen. Biomaterials. 1994 Aug;15(10):786-95. PubMed PMID: 7986943.

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