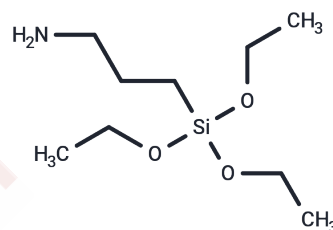


3-Aminopropyltriethoxysilane

Chemical Properties

CAS No. :	919-30-2
Formula:	C ₉ H ₂₃ NO ₃ Si
Molecular Weight:	221.37
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	3-Aminopropyltriethoxysilane (APTES) immobilizes biomolecules on silicon-based materials, such as Si ₃ N ₄ , while acting as a spacer to provide spatial freedom and higher activity for immobilized biomolecules to build analytical platforms for biosensing, recognition and more.
Targets(IC50)	Others

Solubility Information

Solubility	H ₂ O: 250 mg/mL (1129.33 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	4.5173 mL	22.5866 mL	45.1732 mL
5 mM	0.9035 mL	4.5173 mL	9.0346 mL
10 mM	0.4517 mL	2.2587 mL	4.5173 mL
50 mM	0.0903 mL	0.4517 mL	0.9035 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

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