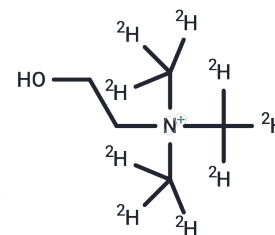


Methyl-D9-choline

Chemical Properties

CAS No. :	50673-41-1
Formula:	C ₅ H ₁₄ NO
Molecular Weight:	113.23
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	Methyl-D9-choline is an isotopically labeled choline tracer.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.8316 mL	44.1579 mL	88.3158 mL
5 mM	1.7663 mL	8.8316 mL	17.6632 mL
10 mM	0.8832 mL	4.4158 mL	8.8316 mL
50 mM	0.1766 mL	0.8832 mL	1.7663 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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- Davenport C, Yan J, Taesuwan S, Shields K, West AA, Jiang X, Perry CA, Malysheva OV, Stabler SP, Allen RH, Caudill MA. Choline intakes exceeding recommendations during human lactation improve breast milk choline content by increasing PEMT pathway metabolites. *J Nutr Biochem.* 2015 Sep;26(9):903-11. doi: 10.1016/j.jnutbio.2015.03.004. Epub 2015 Apr 15. PubMed PMID: 26025328.
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