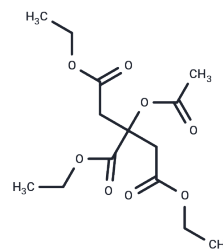


Acetyltriethyl citrate

Chemical Properties

CAS No. :	77-89-4
Formula:	C ₁₄ H ₂₂ O ₈
Molecular Weight:	318.32
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	Acetyltriethyl citrate is a biochemical.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1415 mL	15.7075 mL	31.4149 mL
5 mM	0.6283 mL	3.1415 mL	6.283 mL
10 mM	0.3141 mL	1.5707 mL	3.1415 mL
50 mM	0.0628 mL	0.3141 mL	0.6283 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

- Radke PW, Joner M, Joost A, Byrne RA, Hartwig S, Bayer G, Steigerwald K, Wittchow E. Vascular effects of paclitaxel following drug-eluting balloon angioplasty in a porcine coronary model: the importance of excipients. *EuroIntervention*. 2011 Oct 30;7(6):730-7. doi: 10.4244/EIJV7I6A116. PubMed PMID: 21986331.
- Fadda HM, Khanna M, Santos JC, Osman D, Gaisford S, Basit AW. The use of dynamic mechanical analysis (DMA) to evaluate plasticization of acrylic polymer films under simulated gastrointestinal conditions. *Eur J Pharm Biopharm*. 2010 Nov;76(3):493-7. doi: 10.1016/j.ejpb.2010.08.007. Epub 2010 Aug 26. PubMed PMID: 20800682.
- Zhang JF, Sun X. Physical characterization of coupled poly(lactic acid)/starch/maleic anhydride blends plasticized by acetyl triethyl citrate. *Macromol Biosci*. 2004 Nov 20;4(11):1053-60. PubMed PMID: 15543543.
- Johnson W Jr. Final report on the safety assessment of acetyl triethyl citrate, acetyl tributyl citrate, acetyl trihexyl citrate, and acetyl trioctyl citrate. *Int J Toxicol*. 2002;21 Suppl 2:1-17. Review. PubMed PMID: 12396673.

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