Data Sheet (Cat.No.T20846)



Tri(2-butoxyethyl) phosphate

Chemical Properties

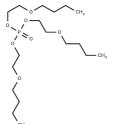
CAS No.: 78-51-3

Formula: C18H39O7P

Molecular Weight: 398.47

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description Tri(2-butoxyethyl) phosphate could inhibit drug-protein binding. It presents in stoppers of blood sample 'vacutainers'.

Solubility Information

Solubility DMSO: Soluble,

(< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg	
1 mM	2.5096 mL	12.548 mL	25.096 mL	
5 mM	0.5019 mL	2.5096 mL	5.0192 mL	
10 mM	0.251 mL	1.2548 mL	2.5096 mL	
50 mM	0.0502 mL	0.251 mL	0.5019 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.

Reference

Guo X, Mu T, Xian Y, Luo D, Wang C. Ultra-performance liquid chromatography tandem mass spectrometry for the rapid simultaneous analysis of nine organophosphate esters in milk powder. Food Chem. 2016 Apr 1;196:673-81.

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