Data Sheet (Cat.No.T40923)



Calcium lactate

Chemical Properties

CAS No.: 814-80-2

Formula: C6H10CaO6

Molecular Weight: 218.22

Appearance: no data available

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

Biological Description

Description	Calcium lactate (Conclyte calcium) is used by the beverage industry as a source of calcium to fortify fruit juice. Calcium lactate facilitates the growth and phytic acid degradation of soybean sprouts.
Targets(IC50)	Others

Solubility Information

	DMSO: 1mg/ml,Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
--	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5825 mL	22.9127 mL	45.8253 mL
5 mM	0.9165 mL	4.5825 mL	9.1651 mL
10 mM	0.4583 mL	2.2913 mL	4.5825 mL
50 mM	0.0917 mL	0.4583 mL	0.9165 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

Yeh JY, et al. Influence of calcium lactate on the fate of spoilage and pathogenic microorganisms in orange juice. J Food Prot. 2004;67(7):1429-1432.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street, Wellesley Hills, MA 02481

Page 1 of 1 www.targetmol.com