

Calcium L-lactate pentahydrates

Chemical Properties

CAS No. :	865717-20-0
Formula:	C ₃ H ₅ O ₃ .1/2Ca.5/2H ₂ O
Molecular Weight:	154.52
Storage:	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	Calcium L-lactate pentahydrate, meets USP testing specifications (Calcium lactate pentahydrate, meets USP testing specifications), is a biochemical reagent that serves as a significant source of calcium. Compared to other organic calcium salts, it offers superior solubility and bioavailability. It also exhibits excellent moisture resistance, thermal stability, and chemical stability, making it suitable for use in medical implants and drug delivery systems.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.4717 mL	32.3583 mL	64.7165 mL
5 mM	1.2943 mL	6.4717 mL	12.9433 mL
10 mM	0.6472 mL	3.2358 mL	6.4717 mL
50 mM	0.1294 mL	0.6472 mL	1.2943 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.

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