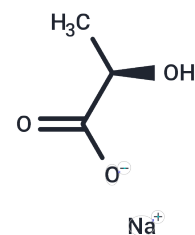


D-(-)-Lactic acid sodium

Chemical Properties

CAS No. :	920-49-0
Formula:	C ₃ H ₅ NaO ₃
Molecular Weight:	112.06
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	D-(-)-Lactic acid sodium (Sodium D-lactate) is an organic acid. It is a chiral molecule, consisting of two optical isomers, L-lactic acid and D-lactic acid, with the L-isomer being the most common in living organisms. D-(-)-Lactic acid sodium also is a microbial metabolite.
Targets(IC50)	Others,Endogenous Metabolite

Solubility Information

Solubility	DMSO: 50 mg/mL (446.19 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.9238 mL	44.619 mL	89.2379 mL
5 mM	1.7848 mL	8.9238 mL	17.8476 mL
10 mM	0.8924 mL	4.4619 mL	8.9238 mL
50 mM	0.1785 mL	0.8924 mL	1.7848 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

Zhang Y, Wu T, Li F, et al. FGF19 Is Coamplified With CCND1 to Promote Proliferation in Lung Squamous Cell Carcinoma and Their Combined Inhibition Shows Improved Efficacy. *Frontiers in Oncology*. 2022, 12

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