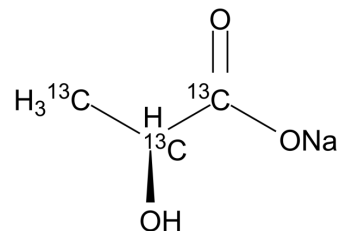


L-Lactic acid-¹³C₃ sodium

Cat. No.:	HY-Y0479AS
CAS No.:	201595-71-3
Molecular Formula:	¹³ C ₃ H ₅ NaO ₃
Molecular Weight:	115.04
Target:	Antibiotic; Endogenous Metabolite; Bacterial; Isotope-Labeled Compounds
Pathway:	Anti-infection; Metabolic Enzyme/Protease; Others
Storage:	Solution, -20°C, 2 years



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (869.26 mM; Need ultrasonic)
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (21.73 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (21.73 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (21.73 mM); Clear solution

BIOLOGICAL ACTIVITY

Description	L-Lactic acid- ¹³ C ₃ (sodium) is the ¹³ C labeled L-Lactic acid. L-Lactic acid- ¹³ C ₃ sodium can be used for lactate metabolism research[1].
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REFERENCES

[1]. Ana Livia Chemeli Senedese, et al. L-lactic acid production by Lactobacillus rhamnosus ATCC 10863. ScientificWorldJournal. 2015;2015:501029.

Caution: Product has not been fully validated for medical applications. For research use only.

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