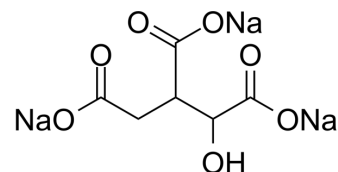


DL-Isocitric acid trisodium salt

Cat. No.:	HY-W009362
CAS No.:	1637-73-6
Molecular Formula:	$C_6H_5Na_3O_7$
Molecular Weight:	258.07
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 100 mg/mL (387.49 mM; Need ultrasonic) DMSO : < 1 mg/mL (ultrasonic) (insoluble or slightly soluble)					
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div>	Mass	1 mg	5 mg	10 mg
		1 mM		3.8749 mL	19.3746 mL	38.7492 mL
		5 mM		0.7750 mL	3.8749 mL	7.7498 mL
		10 mM		0.3875 mL	1.9375 mL	3.8749 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: PBS Solubility: 100 mg/mL (387.49 mM); Clear solution; Need ultrasonic					

BIOLOGICAL ACTIVITY

Description	DL-Isocitric acid trisodium salt is an endogenous metabolite. DL-Isocitric acid trisodium salt is a substrate in the citric acid cycle. DL-Isocitric acid trisodium salt can be used as a marker for determining the composition of isocitrates in fruit products, including fruit juices.
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Caution: Product has not been fully validated for medical applications. For research use only.

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