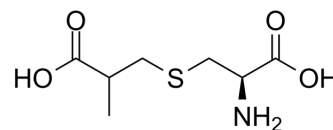


S-(2-Carboxypropyl)-L-cysteine

Cat. No.:	HY-W251393
CAS No.:	6852-42-2
Molecular Formula:	C ₇ H ₁₃ NO ₄ S
Molecular Weight:	207
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, stored under nitrogen
	* In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 25 mg/mL (120.77 mM; ultrasonic and warming and heat to 80°C)					
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div>	Mass	1 mg	5 mg	10 mg
		1 mM		4.8309 mL	24.1546 mL	48.3092 mL
		5 mM		0.9662 mL	4.8309 mL	9.6618 mL
		10 mM		0.4831 mL	2.4155 mL	4.8309 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (12.08 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (12.08 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil					
	Solubility: ≥ 2.5 mg/mL (12.08 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	S-(2-Carboxypropyl)-L-cysteine (β-Isobutene) is a urine metabolite, a metabolic marker of leigh-like syndrome ^[1] .
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Caution: Product has not been fully validated for medical applications. For research use only.

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