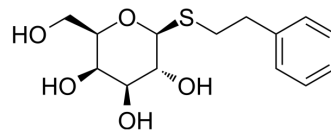


2-Phenylethyl β -D-thiogalactoside

Cat. No.:	HY-137201
CAS No.:	63407-54-5
Molecular Formula:	C ₁₄ H ₂₀ O ₅ S
Molecular Weight:	300.37
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (332.92 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
			1 mM	3.3292 mL	16.6461 mL	33.2923 mL
			5 mM	0.6658 mL	3.3292 mL	6.6585 mL
			10 mM	0.3329 mL	1.6646 mL	3.3292 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE- β -CD in saline) Solubility: \geq 2.5 mg/mL (8.32 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: 2.5 mg/mL (8.32 mM); Suspended solution; Need ultrasonic					

BIOLOGICAL ACTIVITY

Description	2-Phenylethyl β -D-thiogalactoside is a biochemical reagent that can be used as a biological material or organic compound for life science related research.
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Caution: Product has not been fully validated for medical applications. For research use only.

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