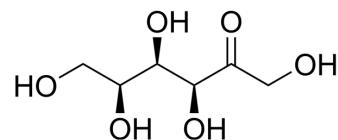


(3S,4R,5S)-1,3,4,5,6-Pentahydroxyhexan-2-one

Cat. No.: HY-W040240
CAS No.: 87-79-6
Molecular Formula: C₆H₁₂O₆
Molecular Weight: 180.16
Target: Endogenous Metabolite
Pathway: Metabolic Enzyme/Protease
Storage: 4°C, protect from light
 * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 125 mg/mL (693.83 mM; Need ultrasonic)				
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div> <div>Mass</div>	1 mg	5 mg	10 mg
		1 mM	5.5506 mL	27.7531 mL	55.5062 mL
		5 mM	1.1101 mL	5.5506 mL	11.1012 mL
		10 mM	0.5551 mL	2.7753 mL	5.5506 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: PBS Solubility: 50 mg/mL (277.53 mM); Clear solution; Need ultrasonic				

BIOLOGICAL ACTIVITY

Description	(3S,4R,5S)-1,3,4,5,6-Pentahydroxyhexan-2-one is an endogenous metabolite.
IC ₅₀ & Target	Human Endogenous Metabolite

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

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