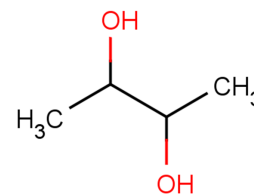


2,3-Butanediol

Chemical Properties

CAS No.:	513-85-9
Formula:	C ₄ H ₁₀ O ₂
Molecular Weight:	90.12
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	2,3-Butanediol is a butanediol derived from the bioconversion of natural resources.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	11.096 mL	55.482 mL	110.963 mL
5 mM	2.219 mL	11.096 mL	22.193 mL
10 mM	1.11 mL	5.548 mL	11.096 mL
50 mM	0.222 mL	1.11 mL	2.219 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Zhang L, et al. Mechanism of 2,3-butanediol stereoisomers formation in a newly isolated *Serratia* sp. T241. *Sci Rep.* 2016 Jan 12;6:19257.

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