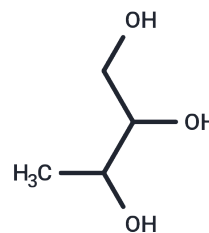


1,2,3-Butanetriol

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 4435-50-1 |
| Formula: | C ₄ H ₁₀ O ₃ |
| Molecular Weight: | 106.12 |
| Storage: | Keep away from moisture Pure form: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small> |



Biological Description

| | |
|---------------|--|
| Description | 1,2,3-Butanetriol is a tertiary alcohol used in organic synthesis and biochemical experiments. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 9.4233 mL | 47.1165 mL | 94.2329 mL |
| 5 mM | 1.8847 mL | 9.4233 mL | 18.8466 mL |
| 10 mM | 0.9423 mL | 4.7116 mL | 9.4233 mL |
| 50 mM | 0.1885 mL | 0.9423 mL | 1.8847 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Kumar V, et al. Arabinose as an overlooked sugar for microbial bioproduction of chemical building blocks. Crit Rev Biotechnol. 2024 Sep;44(6):1103-1120.

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