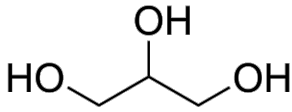


Glycerol

货号: **AYB26695**

产品信息

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|------|---|
| 生物活性 | Glycerol is used in sample preparation and gel formation for polyacrylamide gel electrophoresis. |
| CAS | 56-81-5 |
| 中文名称 | 甘油 |
| 分子量 | 92.09 |
| 体外研究 | <p>Glycerol is often included in polyacrylamide gels to prevent dissociation of nucleosomes and other protein-DNA complexes during electrophoresis. With glycerol included, fractionation seems to be largely based on particle mass and charge. The concentration of glycerol during electrophoresis strongly affects the separation characteristics of polyacrylamide gels. Glycerol is an inevitable by-product of oils/fats processing, regardless of the pathway. Fermentative metabolism of glycerol has been studied in great detail in several species of the Enterobacteriaceae family, such as <i>Citrobacter freundii</i> and <i>Klebsiella pneumoniae</i>. The use of anaerobic fermentation to convert abundant and low-priced glycerol streams generated in the production of biodiesel into higher value products represents a promising route to achieve economic viability in the biofuels industry.</p> <p>The accuracy of these methods have not been independently confirmed. They are for reference only.</p> |
| 体内研究 | |
| 形式 | Liquid |
| 运输条件 | Room temperature in continental US; may vary elsewhere. |
| 保存条件 | |
| 溶解性 | <p>In Vitro:</p> <p>DMSO : 250 mg/mL (2714.74 mM; Need ultrasonic)</p> <p>H₂O : 100 mg/mL (1085.89 mM; Need ultrasonic)</p> |
| 纯度 | ≥99.0% |