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# TEMED

产品编号： C05-03008

CAS: 110-18-9

保存条件： Store at RT.

产品介绍： TEMED is used with ammonium persulfate to catalyze the polymerization of acrylamide when making polyacrylamide gels, used in gel electrophoresis, for the separation of proteins or nucleic acids. Although the amounts used in this technique may vary from method to method, 0.1–0.2% v/v TEMED is a "traditional" range.

CAS号：110-18-9

分子式：C6H16N2

分子量：116.21

MDL：MFCD00008335

纯度：99%

外观/性状：无色液体

用途：用作生化试剂、有机合成，环氧树脂交联剂，也是季胺化合物中间体。与过硫酸铵连用催化丙烯酰胺的聚合，用于制备分离蛋白质或核酸的聚丙烯酰胺凝胶。

TEMED,中文名为四甲基乙二胺，是一种无色透明的液体，有微腥臭味，在分子生物学中，可以用于配制SDS-PAGE胶。TEMED可以催化APS产生自由基，从而加速聚丙烯酰胺凝胶的聚合,可作为一种促凝剂使用 。

注意事项：

1. 易燃，有腐蚀性，具强神经毒性，请勿大量吸入。
2. 易挥发，使用后请盖紧瓶盖。
3. 为了您的安全和健康，请穿实验服并戴一次性手套,戴口罩操作。

安全措施：

贮于低温通风处，远离火种、热源。与氧化剂、酸类等分储分运。灭火：抗溶性泡沫、二氧化碳、干粉、砂土。

## PRODUCT SPECIFIC PUBLICATIONS

**[IF=8.3]** Hongjuan Xia. et al. The inhibitory effect of Astragalus flavone extract on hyperuricemia and its

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underlying molecular mechanism by targeting JNK/AP-1/NLRP3/IL-1β signaling pathway. PHYTOMEDICINE. 2025 Mar;:156622 ; . 40073779

**[IF=3.537]** Zou Y et al. Comprehensive analysis of human IgG Fc N-glycopeptides and construction of a screening model for colorectal cancer. J Proteomics. 2020 Feb 20;213:103616. Other ; . 31846768

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