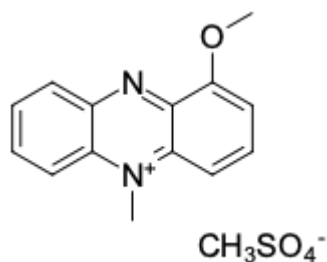


1-Methoxy PMS, electron mediator

<http://cn.lumiprobe.com/p/methoxy-pms-electron-mediator>

1-Methoxy PMS (1-methoxy-5-methylphenazinium methyl sulfate) is a stable, water-soluble electron-transfer mediator critical for biochemical assays involving NAD(P)H-dependent dehydrogenases. It facilitates electron shuttling between intracellular NAD(P)H and extracellular tetrazolium dyes (e.g., [WST-8](#)), allowing for the real-time monitoring of cellular metabolic activity without cytotoxicity. Its enhanced stability over traditional phenazine methosulfate (PMS) makes it ideal for long-term experiments.



外观: 棕色粉末

分子量: 336.37

CAS 编号: 65162-13-2

分子式: C₁₅H₁₆N₂O₅S

IUPAC 名称: 1-Methoxy-5-methylphenazinium methyl sulfate

溶解度: 在水中性能优异, 在甲醇、DMSO 中性能良好

质量控制: NMR ¹H and HPLC-MS (95+%)

储存条件: 接收后24个月在黑暗中-20°C。运输: 在室温下最多3周。干燥。

法律声明: 本产品仅供研究目的提供和销售。 本产品并未经过食品、药品、医疗器械、化妆品等领域的安全性和效力测试, 且未经明示或暗示授权用于其他任何用途, 包括但不限于体外诊断、人类或动物用途, 以及商业用途。