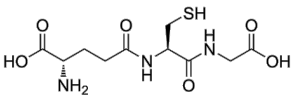
L-Glutathione reduced

货号: AYB26667



产品信息

生物活性	L-Glutathione reduced (GSH; γ-L-Glutamyl-L-cysteinyl-glycine) is an endogenous antioxidant and is capable of scavenging oxygen-derived free radicals.
CAS	70-18-8
中文名称	还原型谷胱甘肽
分子量	307.32
体外研究	L-Glutathione reduced is a non-protein thiol widely exists in living cells. L-Glutathione reduced plays important biological functions in the organism, including protein and DNA synthesis, enzyme activity, metabolism and cell protection. L-Glutathione reduced is capable of scavenging oxygen-derived free radicals and is established to be a marker of oxidative stress. **The accuracy of these methods have not been independently confirmed. They are for reference only.**
体内研究	
形式	Solid
运输条件	Room temperature in continental US; may vary elsewhere.
保存条件	4°C, protect from light

溶解性	In Vitro: **H_2O : 62.5 mg/mL** (**203.37 mM;** Need ultrasonic) 配制储备液 浓度溶剂体积质量 1 mg 5 mg 10 mg 1 mM 3.2539 mL16.2697 mL32.5394 mL 5 mM 0.6508 mL3.2539 mL 6.5079 mL 10 mM0.3254 mL1.6270 mL 3.2539 mL * 请根据产品在不同溶剂中的溶解度，选择合适的溶剂配制储备液；该产品**在溶液状态不稳定**，建议您**现用现配，即刻使用**。 In Vivo: 请根据您的实验动物和给药方式选择适当的溶解方案。以下溶解方案都请先按照 **In Vitro** 方式配制澄清的储备液，再依次添加助溶剂： ——为保证实验结果的可靠性，**澄清的储备液可以根据储存条件，适当保存**；体内实验的工作液，**建议您现用现配，当天使用**； 以下溶剂前显示的百 分比是指**该溶剂在您配制终溶液中的体积占比**；如在配制过程中出现沉淀、析出现象，可以通过**加热和/或超声的方式助溶** • 1. 请依序添加每种溶剂： PBS Solubility: 100 mg/mL (325.39 mM); Clear solution; Need ultrasonic and warming and heat to 60°C *以上所有助溶剂都可在 MCE 网站选购。
纯度	≥98.0%