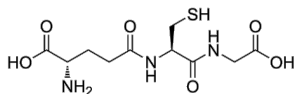


# L-Glutathione reduced

货号: **B26667**

## 产品信息

生物活性	L-Glutathione reduced (GSH; $\gamma$ -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	<p>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.</p> <p><b>The accuracy of these methods have not been independently confirmed. They are for reference only.</b></p>
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	<p>In Vitro:</p> <p><b>H<sub>2</sub>O : 62.5 mg/mL (203.37 mM; Need ultrasonic)</b></p> <p>配制储备液</p> <table><tr><th>浓度</th><th>溶剂</th><th>体积质量</th><th>1 mg</th><th>5 mg</th><th>10 mg</th></tr><tr><td>1 mM</td><td></td><td>3.2539 mL</td><td>16.2697 mL</td><td>32.5394 mL</td><td></td></tr><tr><td>5 mM</td><td></td><td>0.6508 mL</td><td>3.2539 mL</td><td>6.5079 mL</td><td></td></tr><tr><td>10 mM</td><td></td><td>0.3254 mL</td><td>1.6270 mL</td><td>3.2539 mL</td><td></td></tr></table> <p>*</p> <p>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。</p> <p>In Vivo:</p> <p>请根据您的<a href="#">实验动物</a>和<a href="#">给药方式</a>选择适当的溶解方案。以下溶解方案都请先按照 <b>In Vitro</b> 方式配制澄清的储备液，再依次添加助溶剂：</p> <p>——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</p> <ul style="list-style-type: none"><li>1.</li></ul> <p>请依序添加每种溶剂： PBS</p> <p>Solubility: 100 mg/mL (325.39 mM); Clear solution; Need ultrasonic and warming and heat to 60°C</p> <p>*以上所有助溶剂都可在 <a href="#">MCE</a> 网站选购。</p>	浓度	溶剂	体积质量	1 mg	5 mg	10 mg	1 mM		3.2539 mL	16.2697 mL	32.5394 mL		5 mM		0.6508 mL	3.2539 mL	6.5079 mL		10 mM		0.3254 mL	1.6270 mL	3.2539 mL	
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