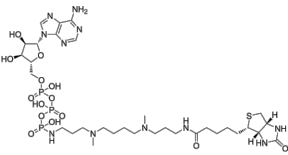


# ATP-polyamine-biotin

货号: **B26708**



## 产品信息

生物活性	ATP-polyamine-biotin, the first cell-permeable ATP analogue, is an efficient kinase cosubstrate. ATP-polyamine-biotin promotes biotin labeling of kinase substrates in live cells.
CAS	1800401-93-7
中文名称	ATP多胺生物素
分子量	945.85
体外研究	<p>ATP-polyamine-biotin (APB) is incubated with PKA kinase and full-length protein substrate, myelin basic protein (MBP). Biotinylation was observed only in presence of kinase. In addition, MBP biotinylation was lost in the absence of ATP-polyamine-biotin, in presence of the kinase inhibitor staurosporine or upon incubation with acid due to cleavage of phosphoramidate bond. Biotinylated kemptide product is observed only in the presence of APB cosubstrate.</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 : 6 mg/mL (6.34 mM);</b> Need ultrasonic and warming)</p> <p>配制储备液</p> <table><tr><th>浓度</th><th>溶剂</th><th>体积</th><th>质量</th><th>1 mg</th><th>5 mg</th><th>10 mg</th></tr><tr><td>1 mM</td><td>1.0573 mL</td><td>5.2863 mL</td><td>10.5725 mL</td><td></td><td></td><td></td></tr><tr><td>5 mM</td><td>0.2115 mL</td><td>1.0573 mL</td><td>2.1145 mL</td><td></td><td></td><td></td></tr><tr><td>10 mM</td><td>---</td><td>---</td><td>---</td><td></td><td></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；一旦配成溶液，请分装保存，避免反复冻融造成的产品失效。</p> <p>储备液的保存方式和期限：-80℃, 6 months; -20℃, 1 month (protect from light)。-80℃ 储存时，请在 6 个月内使用，-20℃ 储存时，请在 1 个月内使用。</p> <p>In Vivo:</p> <p>请根据您的<a href="#">实验动物和给药方式</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: 7.69 mg/mL (8.13 mM); Clear solution; Need ultrasonic and warming</p> <p>*以上所有助溶剂都可在 MCE 网站选购。</p>	浓度	溶剂	体积	质量	1 mg	5 mg	10 mg	1 mM	1.0573 mL	5.2863 mL	10.5725 mL				5 mM	0.2115 mL	1.0573 mL	2.1145 mL				10 mM	---	---	---			
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10 mM	---	---	---																										
纯度	99.63%																												