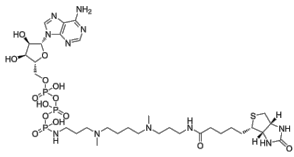


ATP-polyamine-biotin

货号: **AYB26708**



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>The accuracy of these methods have not been independently confirmed. They are for reference only.</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: H₂O : 6 mg/mL (6.34 mM); Need ultrasonic and warming)</p> <p>配制储备液</p> <table border="1"> <thead> <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> </thead> <tbody> <tr> <td>1 mM</td> <td></td> <td>1.0573 mL</td> <td>5.2863 mL</td> <td>10.5725 mL</td> <td></td> <td></td> </tr> <tr> <td>5 mM</td> <td></td> <td>0.2115 mL</td> <td>1.0573 mL</td> <td>2.1145 mL</td> <td></td> <td></td> </tr> <tr> <td>10 mM</td> <td></td> <td>---</td> <td>---</td> <td>---</td> <td></td> <td></td> </tr> </tbody> </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°C, 6 months; -20°C, 1 month (protect from light)。-80°C 储存时，请在 6 个月内使用，-20°C 储存时，请在 1 个月内使用。</p> <p>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：</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"> 1. 请依序添加每种溶剂： PBS <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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