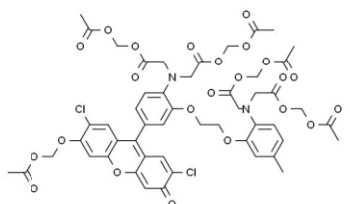


北京索莱宝科技有限公司

产品说明

Product Specification

产品编号 Cat Number	IF0150	
产品名称 Product Name	钙离子探针 Fluo-3AM Fluo-3AM	
产品类型 Product Type	小分子化合物 Small molecule compounds	
CAS.	121714-22-5	
分子式 Formula	C ₅₁ H ₅₀ Cl ₂ N ₂ O ₂₃	
分子量 Molecular Wt	1129.85	
外观 Appearance	Solid	
纯度 Purity	HPLC ≥93%	
靶点 Target	---	
通路 Pathway	---	
保存 Storage	Powder -20℃ 2 years In solvent -20℃ 1 month -80℃ 6 months *配成溶液后, -20℃保存时, 建议1个月内用完; -80℃保存时, 建议6个月内用完 * protect from light	

<p>产品描述 Description</p>	<p>Fluo-3, AM 是最常用的检测细胞内钙离子浓度的荧光探针之一。检测时推荐使用的激发波长为 488nm 左右, 发射波长为 525~530nm 。</p> <p>Fluo-3, AM is one of the most commonly used fluorescent probes for detecting calcium ion concentration in cells. The recommended excitation wavelength for detection is about 488nm, and the emission wavelength is 525~530nm.</p>																
<p>溶解性 Solubility</p>	<p>In Vitro: Soluble in DMSO</p> <table border="1" data-bbox="443 607 1348 902"> <thead> <tr> <th data-bbox="443 607 719 748">Solvent \ Mass \ Concentration</th> <th data-bbox="719 607 927 748">1 mg</th> <th data-bbox="927 607 1134 748">5 mg</th> <th data-bbox="1134 607 1348 748">10 mg</th> </tr> </thead> <tbody> <tr> <td data-bbox="443 748 719 797">1 mM</td> <td data-bbox="719 748 927 797">0.8851 mL</td> <td data-bbox="927 748 1134 797">4.4254 mL</td> <td data-bbox="1134 748 1348 797">8.8507 mL</td> </tr> <tr> <td data-bbox="443 797 719 846">5 mM</td> <td data-bbox="719 797 927 846">0.1770 mL</td> <td data-bbox="927 797 1134 846">0.8851 mL</td> <td data-bbox="1134 797 1348 846">1.7701 mL</td> </tr> <tr> <td data-bbox="443 846 719 902">10 mM</td> <td data-bbox="719 846 927 902">--</td> <td data-bbox="927 846 1134 902">--</td> <td data-bbox="1134 846 1348 902">--</td> </tr> </tbody> </table> <p>* 产品为非无菌包装, 请根据实验需求提前做好预处理。一旦配成储备液, 建议分装保存, 避免反复冻融造成的产品失效。</p> <p>* The product is non-sterile packaging, please do pre-treatment in advance according to experimental needs. Once the stock solution is prepared, it is recommended to store in aliquots to avoid product failure caused by repeated freezing and thawing.</p>	Solvent \ Mass \ Concentration	1 mg	5 mg	10 mg	1 mM	0.8851 mL	4.4254 mL	8.8507 mL	5 mM	0.1770 mL	0.8851 mL	1.7701 mL	10 mM	--	--	--
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<p>相关文献 Rreferences</p>	<p>[1] Chunxia Chen,Wan Chen,Zhihuan Nong,Yichu Nie,Xiaoyu Chen,Xiaorong Pan,Ying Guo,Meicun Yao,Wenbin Deng. Hyperbaric oxygen alleviated cognitive impairments in mice induced by repeated cerebral ischemia-reperfusion injury via inhibition of autophagy[J]. Life Sciences,2020,241.</p> <p>(See more information on http://www.solarbio.com/)</p> <p>(Welcome to follow our company scholarship program: http://www.solarbio.com/lw.php)</p>																
<p>Note:</p> <ol style="list-style-type: none"> 1. 产品信息仅供参考, 如有疑问请致电 400-968-6088 咨询。 2. 本产品仅供科研使用。请勿用于医药、临床诊断或治疗, 食品及化妆品等用途。 3. 为了您的安全和健康, 请穿好实验服并佩戴一次性手套和口罩操作。 <p>* Product information is for reference only. Welcome to call 400-968-6088 for consultation.</p> <p>* This product is for scientific research use only. Not used for medical, clinical and other purposes.</p> <p>* For your safety and health, please wear lab coats and wear disposable gloves and masks.</p>																	