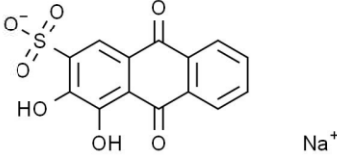


# 北京索莱宝科技有限公司

## 产品说明

### Product Specification

产品编号 <b>Cat Number</b>	IA5140	
产品名称 <b>Product Name</b>	茜素红 S Alizarin Red S sodium	
产品类型 <b>Product Type</b>	小分子化合物 Small molecule compounds	
CAS.	130-22-3	
分子式 <b>Formula</b>	C <sub>14</sub> H <sub>7</sub> NaO <sub>7</sub> S	
分子量 <b>Molecular Wt</b>	342.26	
外观 <b>Appearance</b>	Orange red to brown (Solid)	
纯度 <b>Purity</b>	≥90%	
靶点 <b>Target</b>	---	
通路 <b>Pathway</b>	---	
保存 <b>Storage</b>	Powder                      RT              2 years -20℃        3 years * protect from light	

<p><b>产品描述</b> <b>Description</b></p>	<p>是一种蒽醌类染料，能与钙盐以螯和方式形成复合物，用以识别组织细胞的钙盐成分。 It is an anthraquinone dye that can form a complex with calcium salt in a chelating manner to identify the calcium salt component of tissue cells.</p>																			
<p><b>溶解性</b> <b>Solubility</b></p>	<p><b>In Vitro:</b> Soluble in Water <math>\geq 5</math> mg/mL * "<math>\geq</math>" means soluble, but saturation unknown.</p> <table border="1" data-bbox="443 629 1348 922"> <thead> <tr> <th rowspan="2">Solvent Concentration</th> <th colspan="3">Mass</th> </tr> <tr> <th>1 mg</th> <th>5 mg</th> <th>10 mg</th> </tr> </thead> <tbody> <tr> <td>1 mM</td> <td>2.9218 mL</td> <td>14.6088 mL</td> <td>29.2176 mL</td> </tr> <tr> <td>5 mM</td> <td>0.5844 mL</td> <td>2.9218 mL</td> <td>5.8435 mL</td> </tr> <tr> <td>10 mM</td> <td>0.2922 mL</td> <td>1.4609 mL</td> <td>2.9218 mL</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。 * 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 Concentration	Mass			1 mg	5 mg	10 mg	1 mM	2.9218 mL	14.6088 mL	29.2176 mL	5 mM	0.5844 mL	2.9218 mL	5.8435 mL	10 mM	0.2922 mL	1.4609 mL	2.9218 mL
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<p><b>相关文献</b> <b>References</b></p>	<p>[1] Lc A , Jin Z B , Jz C , et al. Electroactive composite scaffold with locally expressed osteoinductive factor for synergistic bone repair upon electrical stimulation[J]. Biomaterials, 230. (IF: 10.273) (See more information on <a href="http://www.solarbio.com/">http://www.solarbio.com/</a>) (Welcome to follow our company scholarship program: <a href="http://www.solarbio.com/lw.php">http://www.solarbio.com/lw.php</a>)</p>																			
<p><b>Note:</b></p> <ol style="list-style-type: none"> <li>1. 产品信息仅供参考，如有疑问请致电 400-968-6088 咨询。</li> <li>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。</li> <li>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。</li> </ol> <p>* <b>Product information is for reference only. Welcome to call 400-968-6088 for consultation.</b> * <b>This product is for scientific research use only. Not used for medical, clinical and other purposes.</b> * <b>For your safety and health, please wear lab coats and wear disposable gloves and masks.</b></p>																				