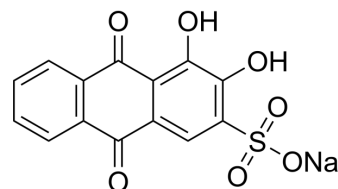


## Alizarin red S indicator (C.I. 58005)

<b>Cat. No.:</b>	HY-W110927
<b>CAS No.:</b>	130-22-3
<b>Molecular Formula:</b>	C <sub>14</sub> H <sub>7</sub> NaO <sub>7</sub> S
<b>Molecular Weight:</b>	342.26
<b>Target:</b>	Biochemical Assay Reagents
<b>Pathway:</b>	Others
<b>Storage:</b>	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 12.5 mg/mL (36.52 mM; ultrasonic and warming and heat to 60°C)					
	H <sub>2</sub> O : 2 mg/mL (5.84 mM; ultrasonic and warming and heat to 60°C)					
	<b>Preparing Stock Solutions</b>	<b>Solvent</b>	<b>Mass</b>	<b>1 mg</b>	<b>5 mg</b>	<b>10 mg</b>
		<b>Concentration</b>				
		<b>1 mM</b>		2.9218 mL	14.6088 mL	29.2176 mL
<b>5 mM</b>			0.5844 mL	2.9218 mL	5.8435 mL	
	<b>10 mM</b>		0.2922 mL	1.4609 mL	2.9218 mL	
Please refer to the solubility information to select the appropriate solvent.						
<b>In Vivo</b>	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 1.25 mg/mL (3.65 mM); Clear solution					

### BIOLOGICAL ACTIVITY

<b>Description</b>	Alizarin red S indicator (C.I. 58005) is a biochemical reagent that can be used as a biological material or organic compound for life science related research.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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