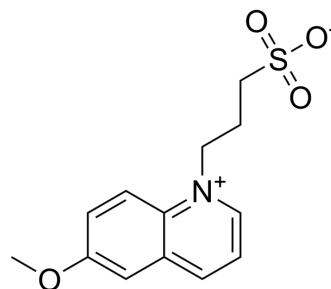


SPQ

Cat. No.:	HY-D0936
CAS No.:	83907-40-8
Molecular Formula:	C ₁₃ H ₁₅ NO ₄ S
Molecular Weight:	281
Target:	Fluorescent Dye
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 25 mg/mL (88.97 mM; Need ultrasonic) DMSO : < 1 mg/mL (insoluble or slightly soluble)					
	Preparing Stock Solutions	<div>Solvent Concentration</div>	Mass	1 mg	5 mg	10 mg
		1 mM	3.5587 mL	17.7936 mL	35.5872 mL	
		5 mM	0.7117 mL	3.5587 mL	7.1174 mL	
		10 mM	0.3559 mL	1.7794 mL	3.5587 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: PBS Solubility: 10 mg/mL (35.59 mM); Clear solution; Need ultrasonic					

BIOLOGICAL ACTIVITY

Description	SPQ is being used to examine and measure membrane chloride transport mechanisms.
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Caution: Product has not been fully validated for medical applications. For research use only.

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