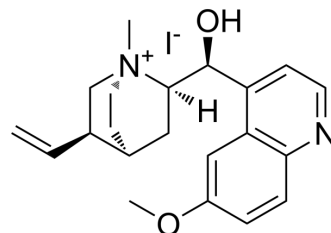


## Quinidine methiodide

<b>Cat. No.:</b>	HY-150123
<b>CAS No.:</b>	42982-87-6
<b>Molecular Formula:</b>	C <sub>21</sub> H <sub>27</sub> IN <sub>2</sub> O <sub>2</sub>
<b>Molecular Weight:</b>	466.36
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	-20°C, stored under nitrogen, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from moisture)



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 100 mg/mL (214.43 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	<b>Preparing Stock Solutions</b>		1 mg	5 mg	10 mg
		1 mM	2.1443 mL	10.7213 mL	21.4427 mL
		5 mM	0.4289 mL	2.1443 mL	4.2885 mL
	10 mM	0.2144 mL	1.0721 mL	2.1443 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 >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (5.36 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (5.36 mM); Clear solution				

### BIOLOGICAL ACTIVITY

<b>Description</b>	Quinidine methiodide is a metabolite of Quinidine. Quinidine is an antiarrhythmic agent <sup>[1]</sup> .
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### REFERENCES

[1]. J Z Yeh, et al. Mechanism of action of quinidine on squid axon membranes. J Pharmacol Exp Ther. 1976 Jan;196(1):62-70.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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