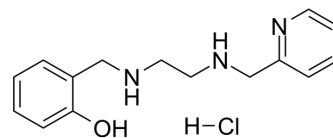


## Salpyran hydrochloride

<b>Cat. No.:</b>	HY-132927A
<b>Molecular Formula:</b>	C <sub>15</sub> H <sub>20</sub> ClN <sub>3</sub> O
<b>Molecular Weight:</b>	293.79
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 100 mg/mL (340.38 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	<b>Preparing Stock Solutions</b>		1 mg	5 mg	10 mg
		1 mM	3.4038 mL	17.0190 mL	34.0379 mL
		5 mM	0.6808 mL	3.4038 mL	6.8076 mL
	10 mM	0.3404 mL	1.7019 mL	3.4038 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 (8.51 mM); Clear solution; Need ultrasonic				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (8.51 mM); Clear solution; Need ultrasonic				

### BIOLOGICAL ACTIVITY

<b>Description</b>	Salpyran is a Cu(II) selective chelator with therapeutic potential <sup>[1]</sup> .
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### REFERENCES

[1]. Devonport J, et al. Salpyran: A Cu(II) Selective Chelator with Therapeutic Potential. Inorg Chem. 2021 Oct 18;60(20):15310-15320.

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

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