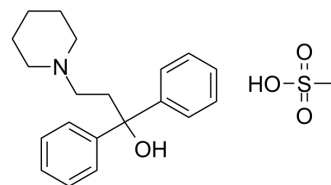


## Pridinol mesylate

<b>Cat. No.:</b>	HY-B1343
<b>CAS No.:</b>	6856-31-1
<b>Molecular Formula:</b>	C <sub>21</sub> H <sub>29</sub> NO <sub>4</sub> S
<b>Molecular Weight:</b>	391.52
<b>Target:</b>	Cholinesterase (ChE)
<b>Pathway:</b>	Neuronal Signaling
<b>Storage:</b>	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 125 mg/mL (319.27 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.5541 mL	12.7707 mL	25.5415 mL
	5 mM	0.5108 mL	2.5541 mL	5.1083 mL
	10 mM	0.2554 mL	1.2771 mL	2.5541 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Pridinol mesylate is an orally active and potent central anticholinergic agent, and acts as muscle relaxant<sup>[1]</sup>.

### REFERENCES

- [1]. Richter M, et al. Pharmacokinetics of oral pridinol: Results of a randomized, crossover bioequivalence trial in healthy subjects. *Int J Clin Pharmacol Ther.* 2021 Jun;59(6):471-477.
- [2]. Duperray, B., et al. The fate of pridinol in the organism: Pharmacokinetics and distribution in animals. *European Journal of Drug Metabolism and Pharmacokinetics* 2, 121-130 (1977).

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

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