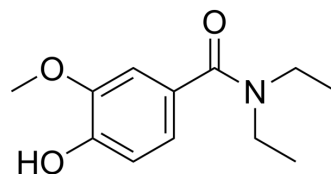


Etamivan

Cat. No.:	HY-B1096		
CAS No.:	304-84-7		
Molecular Formula:	C ₁₂ H ₁₇ NO ₃		
Molecular Weight:	223.27		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 36 mg/mL (161.24 mM)

* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
	Concentration				
	1 mM		4.4789 mL	22.3944 mL	44.7888 mL
	5 mM		0.8958 mL	4.4789 mL	8.9578 mL
	10 mM		0.4479 mL	2.2394 mL	4.4789 mL

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

BIOLOGICAL ACTIVITY

Description

Etamivan (Ethamivan), an orally active respiratory stimulant, is mainly used in the research of barbiturate overdose and chronic obstructive pulmonary disease^{[1][2]}.

REFERENCES

- [1]. Shimomura S, et al. Oral administration of the respiratory stimulant ethamivan in patients with pulmonary insufficiency. *Am Rev Respir Dis.* 1967;95(4):576-583.
- [2]. WHEELDON PJ, et al. The use of ethamivan in the treatment of barbiturate poisoning. *Can Med Assoc J.* 1963;89(1):20-22.

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

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