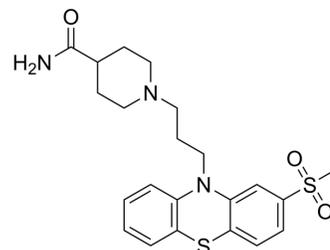


Metopimazine

Cat. No.:	HY-116578		
CAS No.:	14008-44-7		
Molecular Formula:	C ₂₂ H ₂₇ N ₃ O ₃ S ₂		
Molecular Weight:	445.6		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (112.21 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.2442 mL	11.2208 mL	22.4417 mL
5 mM	0.4488 mL	2.2442 mL	4.4883 mL
10 mM	0.2244 mL	1.1221 mL	2.2442 mL

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

BIOLOGICAL ACTIVITY

Description

Metopimazine (EXP999) is a phenothiazine derivative used to prevent emesis during chemotherapy. Metopimazine belongs to the anti-dopaminergic anti-emetics (ADA) class. Metopimazine can be used for the research of gastroenteritis (GE) ^[1].

REFERENCES

[1]. Victoire Roussel, et al. Estimating the excess of inappropriate prescriptions of anti-dopaminergic anti-emetics during acute gastroenteritis epidemics in France. *Pharmacoepidemiol Drug Saf.* 2013 Oct;22(10):1080-5.

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

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