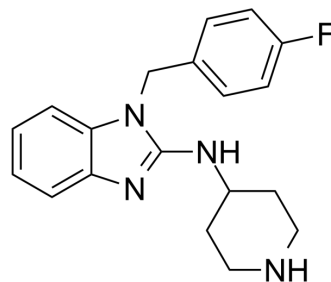


Tecastemizole

Cat. No.:	HY-105014		
CAS No.:	75970-99-9		
Molecular Formula:	C ₁₉ H ₂₁ FN ₄		
Molecular Weight:	324.4		
Target:	Histamine Receptor		
Pathway:	GPCR/G Protein; Immunology/Inflammation; Neuronal Signaling		
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 : 100 mg/mL (308.26 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass	Preparing Stock Solutions		
			1 mg	5 mg	10 mg
1 mM			3.0826 mL	15.4131 mL	30.8261 mL
5 mM			0.6165 mL	3.0826 mL	6.1652 mL
10 mM			0.3083 mL	1.5413 mL	3.0826 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (7.71 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (7.71 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (7.71 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Tecastemizole (Norastemizole), a major metabolite of Astemizole, is a potent and selective H1 receptor antagonist. Tecastemizole shows anti-inflammatory activities^[1].

REFERENCES

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA