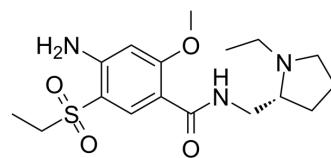


Aramisulpride

Cat. No.:	HY-109167		
CAS No.:	71675-90-6		
Molecular Formula:	C ₁₇ H ₂₇ N ₃ O ₄ S		
Molecular Weight:	369.48		
Target:	Dopamine Receptor		
Pathway:	GPCR/G Protein; 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 (270.65 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.7065 mL	13.5325 mL	27.0651 mL
	5 mM	0.5413 mL	2.7065 mL	5.4130 mL
	10 mM	0.2707 mL	1.3533 mL	2.7065 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 (6.77 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.08 mg/mL (5.63 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: 2.08 mg/mL (5.63 mM); Suspended solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

Aramisulpride is a dopamine D2 receptor and serotonin receptor antagonist used for the research of metabolic disorders^[1].

REFERENCES

[1]. Halse, Reza; Roix, Jeffrey James; Saha, Saurabh. Compositions comprising enantiomers of amisulpride optionally combined with dopamine receptor modulators for

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

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