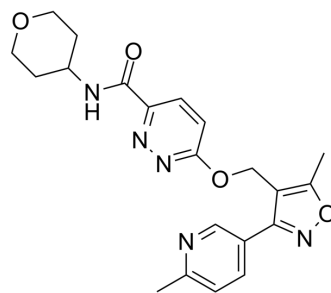


Alogabat

Cat. No.:	HY-132806		
CAS No.:	2230009-48-8		
Molecular Formula:	C ₂₁ H ₂₃ N ₅ O ₄		
Molecular Weight:	409.44		
Target:	GABA Receptor		
Pathway:	Membrane Transporter/Ion Channel; 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 : 33.33 mg/mL (81.40 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.4424 mL	12.2118 mL	24.4236 mL
	5 mM	0.4885 mL	2.4424 mL	4.8847 mL
	10 mM	0.2442 mL	1.2212 mL	2.4424 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 (6.11 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (6.11 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (6.11 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Alogabat (example 8) is a GABA_A α5 receptor positive allosteric modulators (PAMs) (extracted from patent WO2018104419A1) [1].

REFERENCES

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

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