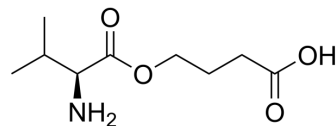


Valiloxic acid

Cat. No.:	HY-137429		
CAS No.:	238401-16-6		
Molecular Formula:	C ₉ H ₁₇ NO ₄		
Molecular Weight:	203.24		
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 : 125 mg/mL (615.04 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	4.9203 mL	24.6015 mL	49.2029 mL
	5 mM	0.9841 mL	4.9203 mL	9.8406 mL
	10 mM	0.4920 mL	2.4601 mL	4.9203 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: ≥ 2.08 mg/mL (10.23 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.08 mg/mL (10.23 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.08 mg/mL (10.23 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Valiloxic acid is a proagent of γ-Hydroxybutyric acid (GHB). GHB is a naturally occurring neurotransmitter and a psychoactive agent, it acts on the GHB receptor and is a weak agonist at the GABAB receptor^[1].

REFERENCES

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

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