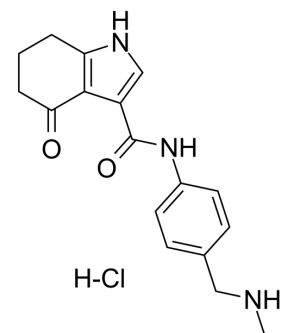


CP-409092 hydrochloride

Cat. No.:	HY-101639A
CAS No.:	225240-86-8
Molecular Formula:	C ₁₇ H ₂₀ ClN ₃ O ₂
Molecular Weight:	333.81
Target:	GABA Receptor
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 50 mg/mL (149.79 mM; Need ultrasonic)
DMSO : 41.67 mg/mL (124.83 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.9957 mL	14.9786 mL	29.9572 mL
	5 mM	0.5991 mL	2.9957 mL	5.9914 mL
	10 mM	0.2996 mL	1.4979 mL	2.9957 mL

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

In Vivo

- Add each solvent one by one: PBS
Solubility: 25 mg/mL (74.89 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.08 mg/mL (6.23 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.08 mg/mL (6.23 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.08 mg/mL (6.23 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

CP-409092 hydrochloride is a partial agonist of GABA_A receptor, with anti-anxiety activity^[1].

REFERENCES

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

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