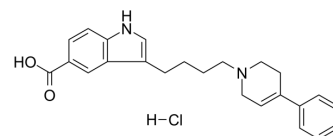


Carmoxirole hydrochloride

Cat. No.:	HY-103410
CAS No.:	115092-85-8
Molecular Formula:	C ₂₄ H ₂₇ ClN ₂ O ₂
Molecular Weight:	410.94
Target:	Dopamine Receptor
Pathway:	GPCR/G Protein; 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	DMSO : 45 mg/mL (109.51 mM; Need ultrasonic)					
	H ₂ O : < 0.1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble)					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		2.4334 mL	12.1672 mL	24.3345 mL
5 mM			0.4867 mL	2.4334 mL	4.8669 mL	
	10 mM		0.2433 mL	1.2167 mL	2.4334 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.25 mg/mL (5.48 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.25 mg/mL (5.48 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.25 mg/mL (5.48 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Carmoxirole hydrochloride (EMD 45609 hydrochloride) is a selective, peripherally acting dopamine D2 receptor agonist and exhibits antihypertensive activities in vivo ^[1] .
IC₅₀ & Target	Dopamine D2 receptor ^[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