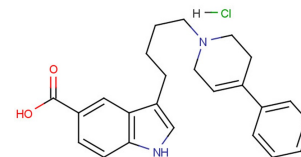


Carmoxirole hydrochloride

Chemical Properties

CAS No.:	115092-85-8
Formula:	C ₂₄ H ₂₇ ClN ₂ O ₂
Molecular Weight:	410.94
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Carmoxirole (EMD 45609) hydrochloride is a selective, peripherally acting agonist of dopamine D2 receptor with antihypertensive activities in vivo.
Targets(IC ₅₀)	D2: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.433 mL	12.167 mL	24.334 mL
5 mM	0.487 mL	2.433 mL	4.867 mL
10 mM	0.243 mL	1.217 mL	2.433 mL
50 mM	0.049 mL	0.243 mL	0.487 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Haase AF, et al. Neurochemical profile of EMD 45609 (carmoxirole), a dopamine DA₂-receptor agonist. Naunyn Schmiedebergs Arch Pharmacol. 1991 Jun;343(6):588-94.

Inhibitors · Natural Compounds · Compound Libraries

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