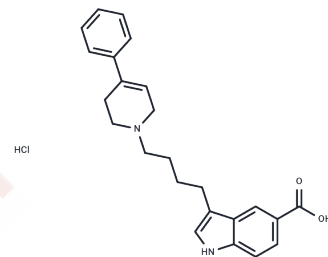


Carmoxirole hydrochloride

Chemical Properties

CAS No. :	115092-85-8
Formula:	C ₂₄ H ₂₇ ClN ₂ O ₂
Molecular Weight:	410.94
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Carmoxirole hydrochloride (EMD 45609 hydrochloride) is a selective dopamine D2 receptor agonist with in vivo antihypertensive activity.
Targets(IC50)	Dopamine Receptor

Solubility Information

Solubility	H ₂ O: < 0.1 mg/mL (insoluble), Sonication and heating to 60°C are recommended. DMSO: 20 mg/mL (48.67 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
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
50 mM	0.0487 mL	0.2433 mL	0.4867 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

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.

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