Data Sheet (Cat.No.T21380)

TargetMol®
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Pravadoline

Chemical Properties

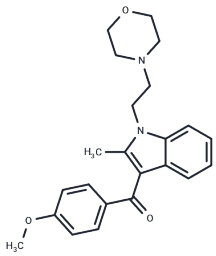
CAS No. : 92623-83-1

Formula: C23H26N2O3

Molecular Weight: 378.46

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Pravadoline (WIN48098-6) is a cannabinoid receptor agonist. Pravadoline inhibited the PGs synthesis in mouse brain and displayed antinociceptive activity in rodents subjected to a variety of thermal, chemical, and mechanical nociceptive stimuli.
Targets(IC50)	Cannabinoid Receptor

Solubility Information

Solubility	H2O: Insoluble, DMSO: 5.63 mg/mL (14.86 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6423 mL	13.2114 mL	26.4229 mL
5 mM	0.5285 mL	2.6423 mL	5.2846 mL
10 mM	0.2642 mL	1.3211 mL	2.6423 mL
50 mM	0.0528 mL	0.2642 mL	0.5285 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

Everett RM, et al. Nephrotoxicity of pravadoline maleate (WIN 48098-6) in dogs: evidence of maleic acid-induced acute tubular necrosis. Fundam Appl Toxicol. 1993 Jul;21(1):59-65.

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