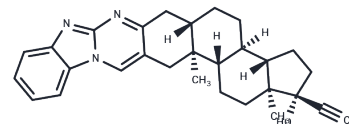


WIN 51,708

Chemical Properties

CAS No. : 144177-30-0
Formula: C₂₉H₃₃N₃O
Molecular Weight: 439.59
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	WIN 51,708 is a neurokinin receptor (NK1) antagonist.
Targets(IC50)	Neurokinin receptor
In vivo	Systemic injection of the nonpeptide neurokinin-1 receptor antagonist WIN-51,708 (5 mg/kg, IP) into male mice that crossed the blood-brain barrier 30 minutes before METH significantly attenuated METH-induced 3-NT striatal production as measured by HPLC. [1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2748 mL	11.3742 mL	22.7485 mL
5 mM	0.455 mL	2.2748 mL	4.5497 mL
10 mM	0.2275 mL	1.1374 mL	2.2748 mL
50 mM	0.0455 mL	0.2275 mL	0.455 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

Afanador L, et al. Contrasting Effects of the Neuropeptides Substance P, Somatostatin, and Neuropeptide Y on the Methamphetamine-Induced Production of Striatal Nitric Oxide in Mice. J Drug Alcohol Res. 2012;pii: 235604.

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