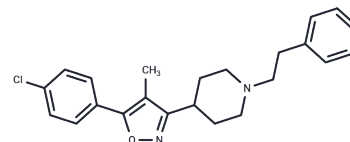


L 741742 (free base)

Chemical Properties

CAS No. : 156337-32-5
Formula: C₂₃H₂₅ClN₂O
Molecular Weight: 380.91
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	L 741742 is an effective and highly selective antagonist of the D4 dopamine receptor (K _i : 1700, 770, and 3.5 nM at cloned human D2, D3, and D4 receptors).
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6253 mL	13.1265 mL	26.2529 mL
5 mM	0.5251 mL	2.6253 mL	5.2506 mL
10 mM	0.2625 mL	1.3126 mL	2.6253 mL
50 mM	0.0525 mL	0.2625 mL	0.5251 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

Root DH, Hoffman AF, Good CH, Zhang S, Gigante E, Lupica CR, Morales M. Norepinephrine activates dopamine D4 receptors in the rat lateral habenula. J Neurosci. 2015 Feb 25;35(8):3460-9. doi: 10.1523/JNEUROSCI.4525-13.2015.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481