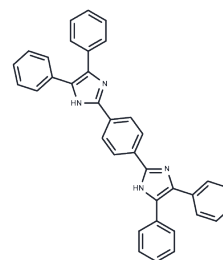


MSX-130

Chemical Properties

CAS No. : 4051-59-6
 Formula: C₃₆H₂₆N₄
 Molecular Weight: 514.62
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	MSX-130 is CXCR4 Antagonist.
Targets(IC50)	CXCR

Solubility Information

Solubility	DMSO: Slightly soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9432 mL	9.7159 mL	19.4318 mL
5 mM	0.3886 mL	1.9432 mL	3.8864 mL
10 mM	0.1943 mL	0.9716 mL	1.9432 mL
50 mM	0.0389 mL	0.1943 mL	0.3886 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Weiqiang Zhan, et al. Discovery of Small Molecule CXCR4 Antagonists. J. Med. Chem., 2007, 50 (23), pp 5655-5664

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