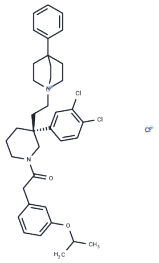
Data Sheet (Cat.No.T23385)

TargetMol

SR 140333

Chemical Properties



CAS No. : 153050-21-6

Formula: C37H45Cl3N2O2

Molecular Weight: 656.12

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	SR 140333 is a NK1 receptor antagonist.
Targets(IC50)	Others,Neurokinin receptor

Solubility Information

Solubility	DMSO: <65.61 mg/mL,Sonication is recommended. Ethanol: <65.61 mg/mL,Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5241 mL	7.6206 mL	15.2411 mL
5 mM	0.3048 mL	1.5241 mL	3.0482 mL
10 mM	0.1524 mL	0.7621 mL	1.5241 mL
50 mM	0.0305 mL	0.1524 mL	0.3048 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

Fanjul A, Dawson MI, Hobbs PD, et al. A new class of retinoids with selective inhibition of AP-1 inhibits proliferation. Nature, 1994, 372(6501): 107-111.
Shiohara M, Dawson MI, Hobbs PD, et al. Effects of novel RAR- and RXR-selective retinoids on myeloid leukemic proliferation and differentiation in vitro. Blood, 1999, 93(6): 2057-2066.
Huang C, Ma WY, Dawson MI, et al. Blocking activator protein-1 activity, but not activating retinoic acid response element, is required for the antitumor promotion effect of retinoic acid. Proc Natl Acad Sci U S A, 1997, 94(11): 5826-5830.

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481