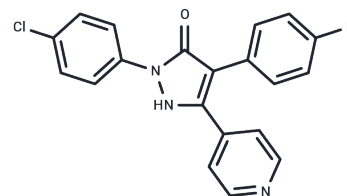


p38 MAPK Inhibitor

Chemical Properties

CAS No. :	219138-24-6
Formula:	C ₂₀ H ₁₃ ClFN ₃ O
Molecular Weight:	365.79
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	p38 MAPK inhibitor is a potent inhibitor of p38 MAP kinase (IC ₅₀ = 35 nM). It inhibits senescence induced by the oncogene RAS.
Targets(IC ₅₀)	p38 MAPK

Solubility Information

Solubility	Ethanol: 0.3 mg/mL DMF: 5 mg/mL DMSO: 10 mg/mL (27.34 mM) DMSO:PBS(pH7.2) (1:1): 0.5 mg/mL (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7338 mL	13.669 mL	27.3381 mL
5 mM	0.5468 mL	2.7338 mL	5.4676 mL
10 mM	0.2734 mL	1.3669 mL	2.7338 mL
50 mM	0.0547 mL	0.2734 mL	0.5468 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

S E de Laszlo, et al. Pyrroles and other heterocycles as inhibitors of p38 kinase. *Bioorg Med Chem Lett.* 1998 Oct 6;8 (19):2689-94.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

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