
Product Data Sheet

Product Name: CCR1 antagonist 1

Cat. No.: GC31996

Chemical Properties

Cas. No. 1010073-75-2

SMILES COC1=CC(N2CCN(C(CN3N=C(C4=NC=CN4)C5=CC=CN=C53)=O)CC2)=CC=C1Cl

Formula $C_{22}H_{22}ClN_7O_2$ M.Wt 451.91

Solubility DMSO : 100 mg/mL (221.28 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with Condition RT , or blue ice upon request.

Structure

Background

CCR1 antagonist 1 is an antagonist of CCR1, with anti-inflammatory activity.

CCR1 antagonist 1 shows potent activities in the chemotaxis assay, with $IC_{50} < 100$ nM[1].

In vivo, CCR1 antagonist 1 has in vivo anti-inflammatory activity and has superior pharmacokinetic properties[1].

[1]. Compounds for the treatment of osteoporosis and cancers. US 20100113472 A1

Caution: Product has not been fully validated for medical applications. For research use only.

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