

Product Name : C-021 dihydrochloride

Synonyms : C021 dihydrochloride

Cat No. : M12687

CAS Number : 1784252-84-1

Molecular Formula : C₂₇H₄₁N₅O₂·2HCl

Formula Weight : 540.57

Chemical Name : 2-([1,4'-bipiperidin]-1'-yl)-N-cycloheptyl-6,7-dimethoxyquinazolin-4-amine dihydrochloride

Description : C-021 dihydrochloride is a potent and orally bioavailable CCR4 antagonist with IC₅₀ of 0.14 uM and 0.039 uM for inhibition of chemotaxis in human and mouse, respectively.

Pathway : GPCR/G Protein

Target : Chemokine Receptor

Receptor : Chemokine Receptor

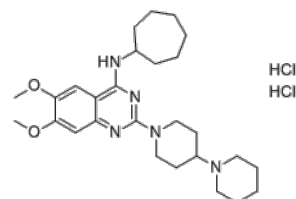
Solubility : —

SMILES : COC1=C(C=C2C(=C1)C(=NC(=N2)N3CCC(CC3)N4CCCCC4)NC5CCCCC5)OC.Cl.Cl

Storage : (-20°C)

Stability : ≥ 2 years

Reference :



1. Yokoyama K, et al. Bioorg Med Chem. 2009 Jan 1;17(1):64-73.