

CXCR4 antagonist 3

Chemical Properties

CAS No. :

Formula: C₂₂H₃₁N₅

Molecular Weight: 365.52

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	CXCR4 antagonist 3 (compound 12a), an effective antagonist of CXCR4, exhibits an IC ₅₀ of 11 nM. It is a congener of TIQ15, showcasing exceptional properties such as CXCR4 antagonism, CYP 2D6 inhibition, metabolic stability, and permeability. With its potential for research on the human immunodeficiency virus, CXCR4 antagonist 3 holds great promise [1].
Targets(IC50)	Others,CXCR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7358 mL	13.6791 mL	27.3583 mL
5 mM	0.5472 mL	2.7358 mL	5.4717 mL
10 mM	0.2736 mL	1.3679 mL	2.7358 mL
50 mM	0.0547 mL	0.2736 mL	0.5472 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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