
Product Data Sheet

Product Name: c-Fms-IN-8

Cat. No.: GC35665

Chemical Properties

Cas. No. 1255303-58-2

SMILES OCCOC1=CC=NC(C(N2CC(C3=CC=C(OCC4=CC=C(CC)C=C4)C(OC)=C3)C2)=O)=C1

Formula $C_{27}H_{30}N_2O_5$ M.Wt 462.54

Solubility Soluble in DMSO 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 Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure

Background

c-Fms-IN-8 (compound 4a) is a colony stimulating factor-1 receptor (CSF-1R, c-FMS) Type II inhibitor, with an IC₅₀ of 9.1 nM[1]. IC₅₀: 9.1 nM (CSF-1R)[1].

[1]. Ikegashira K, et al. Discovery of a novel azetidione scaffold for colony stimulating factor-1 receptor (CSF-1R) Type II inhibitors by the use of docking models. Bioorg Med Chem Lett. 2019 Jan 1;29(1):115-118.

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

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