
Product Data Sheet

Product Name: c-Fms-IN-9

Cat. No.: GC35666

Chemical Properties

Cas. No. 1628574-50-4

SMILES O=C1N(C2=NC(C)=C(OC3=CC(C4=CN(C)N=C4)=NC=C3)C=C2)NC(C(C)(C)C)=N1Formula C₂₁H₂₃N₇O₂ M.Wt 405.45

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-9 is a c-FMS inhibitor extracted from patent WO2014145023A1, Compound Example 7. c-Fms-IN-9 inhibits unphosphorylated c-FMS kinase (uFMS) and uKIT with IC₅₀s of <0.01 μM and 0.1-1 μM, respectively[1]. c-FMS[1]

c-Fms-IN-9 inhibits M-NFS-60, THP-1 and osteoclast cells proliferation with IC₅₀s of 0.01-0.1 μM[1].

[1]. Gary E. L. BRANDT, et al. 1,2,4-triazol-5-ones and analogs exhibiting anti-cancer and anti-proliferative activities. WO2014145023A1.

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

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