
Product Data Sheet

Product Name: c-Fms-IN-3

Cat. No.: GC35664

Chemical Properties

Cas. No. 885704-21-2

SMILES CN(CC1)CCN1C2=CC=C(NC(C3=CC(C#N)=CN3)=O)C(N4CCC(C)CC4)=C2Formula C₂₃H₃₀N₆O

M.Wt 406.52

Solubility DMSO: 25 mg/mL (61.50 mM); Water: < 0.1 mg/mL
(insoluble)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-3 is a novel c-Fms kinase inhibitor with a potential as anti-inflammatory agent and antirheumatic agent. c-Fms.

[1]. Meegalla, Sanath K.; Wall, Mark J.; Chen, Jinsheng et al. Structure-based optimization of a potent class of arylamide FMS inhibitors. *Bioorganic & Medicinal Chemistry Letters* (2008), 18(12), 3632-3637. [2]. Illig, Carl R.; Chen, Jinsheng; Wall, Mark J. et al. Discovery of novel FMS kinase inhibitors as anti-inflammatory agents. *Bioorganic & Medicinal Chemistry Letters* (2008), 18(5), 1642-1648.

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

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