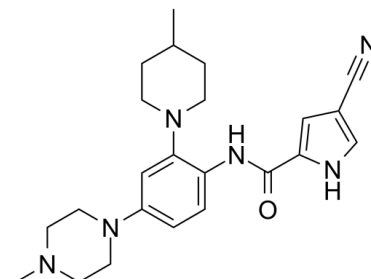


Data Sheet

Product Name:	c-Fms-IN-3
Cat. No.:	CS-0838
CAS No.:	885704-21-2
Molecular Formula:	C ₂₃ H ₃₀ N ₆ O
Molecular Weight:	406.52
Target:	c-Fms
Pathway:	Protein Tyrosine Kinase/RTK
Solubility:	H ₂ O : < 0.1 mg/mL (insoluble); DMSO : 25 mg/mL (61.50 mM); Need ultrasonic)



BIOLOGICAL ACTIVITY:

c-Fms-IN-3 is a novel c-Fms kinase inhibitor with a potential as anti-inflammatory agent and antirheumatic agent.

References:

- [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.

CAIndexNames:

1H-Pyrrole-2-carboxamide, 4-cyano-N-[4-(4-methyl-1-piperazinyl)-2-(4-methyl-1-piperidinyl)phenyl]-

SMILES:

CN(CC1)CCN1C2=CC=C(NC(C3=CC(C#N)=CN3)=O)C(N4CCC(C)CC4)=C2

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

Tel: 732-484-9848 Fax: 888-484-5008 E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA