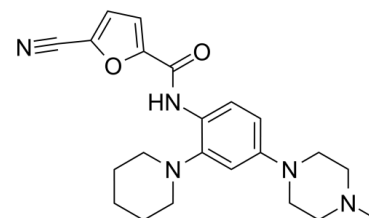


Data Sheet

Product Name:	c-Fms-IN-1
Cat. No.:	CS-0014468
CAS No.:	885703-64-0
Molecular Formula:	C ₂₂ H ₂₇ N ₅ O ₂
Molecular Weight:	393.48
Target:	c-Fms
Pathway:	Protein Tyrosine Kinase/RTK
Solubility:	H ₂ O : < 0.1 mg/mL (insoluble); DMSO : 5 mg/mL (12.71 mM); Need ultrasonic)



BIOLOGICAL ACTIVITY:

c-Fms-IN-1 is a **FMS kinase** inhibitor with an **IC₅₀** of 0.0008 μM^[1]. IC₅₀ & Target: FMS kinase^[1]

References:

[1]. Illig CR, et al. Discovery of novel FMS kinase inhibitors as anti-inflammatory agents. Bioorg Med Chem Lett. 2008 Mar 1;18(5):1642-8.

CAIndexNames:

2-Furancarboxamide, 5-cyano-N-[4-(4-methyl-1-piperazinyl)-2-(1-piperidinyl)phenyl]-

SMILES:

CN1CCN(C2=CC=C(NC(C3=CC=C(C#N)O3)=O)C(N4CCCCC4)=C2)CC1

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