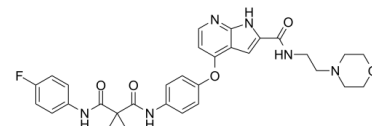


Data Sheet

Product Name:	Tyrosine kinase inhibitor
Cat. No.:	CS-0524
CAS No.:	1021950-26-4
Molecular Formula:	C ₃₁ H ₃₁ N ₆ O ₅
Molecular Weight:	586.61
Target:	c-Met/HGFR
Pathway:	Protein Tyrosine Kinase/RTK
Solubility:	DMSO : ≥ 46 mg/mL (78.42 mM)



BIOLOGICAL ACTIVITY:

A Tyrosine kinase inhibitor.

References:

- [1]. Inoue T, et al. Two cases of gastrointestinal perforation after radiotherapy in patients receiving tyrosine kinase inhibitor for advanced renal cell carcinoma. *World J Surg Oncol*. 2012 Aug 20;10(1):167.
- [2]. Bowen JM, et al. Development of a rat model of oral small molecule receptor tyrosine kinase inhibitor-induced diarrhea. *Cancer Biol Ther*. 2012 Nov 1;13(13).
- [3]. Sun FK, et al. Multi-targeted tyrosine kinase inhibitor sunitinib: a novel strategy for sporadic malignant pheochromocytoma. *Chin Med J (Engl)*. 2012 Jun;125(12):2231-4.
- [4]. Thamm DH. Tyrosine kinase inhibitor special issue. *Vet Comp Oncol*. 2012 Sep;10(3):161-2. doi: 10.1111/j.1476-5829.2012.00339.x.
- [5]. Eriksson A, et al. The novel tyrosine kinase inhibitor AKN-028 has significant antileukemic activity in cell lines and primary cultures of acute myeloid leukemia. *Blood Cancer J*. 2012 Aug 3;2:e81. doi: 10.1038/bcj.2012.28.

CAIndexNames:

1,1-Cyclopropanedicarboxamide, N-(4-fluorophenyl)-N'-[4-[[[2-(4-morpholinyl)ethyl]amino]carbonyl]-1H-pyrrolo[2,3-b]pyridin-4-yl]oxy]phenyl]-

SMILES:

O=C(NC1=CC=C(C=C1)F)C2(CC2)C(NC3=CC=C(C=C3)OC4=C5C(NC(C(NCCN6CCOCC6)=O)=C5)=NC=C4)=O

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

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