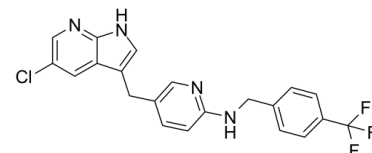


Data Sheet

Product Name:	FLT3-IN-2
Cat. No.:	CS-5114
CAS No.:	923562-23-6
Molecular Formula:	C ₂₁ H ₁₆ ClF ₃ N ₄
Molecular Weight:	416.83
Target:	FLT3
Pathway:	Protein Tyrosine Kinase/RTK
Solubility:	DMSO : ≥ 30 mg/mL (71.97 mM)



BIOLOGICAL ACTIVITY:

FLT3-IN-2 is a FLT3 inhibitor with IC₅₀ of < 1 μM, detailed information refer to WO 2012158957 A2 and WO 2007013896.

References:

- [1]. Zhang, Chao, et al. Kinase modulation for the treatment of leukemias. From PCT Int. Appl. (2012), WO 2012158957 A2 20121122.
- [2]. Zhang Chao, et al. 7-Azaindole derivatives and their preparation, pharmaceutical compositions and use for modulating c-kit and c-fms activity. From PCT Int. Appl. (2007), WO 2007013896 A2 20070201.

CAIndexNames:

2-Pyridinamine, 5-[(5-chloro-1H-pyrrolo[2,3-b]pyridin-3-yl)methyl]-N-[[4-(trifluoromethyl)phenyl]methyl]-

SMILES:

FC(C1=CC=C(CNC2=NC=C(CC3=CNC4=NC=C(Cl)C=C43)C=C2)C=C1)(F)F

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

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