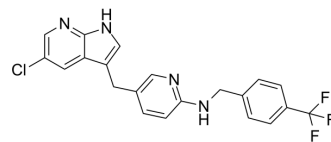


FLT3-IN-2

Cat. No.:	HY-18744		
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		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 30 mg/mL (71.97 mM)
 * "≥" means soluble, but saturation unknown.

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.3991 mL	11.9953 mL	23.9906 mL
	5 mM	0.4798 mL	2.3991 mL	4.7981 mL
	10 mM	0.2399 mL	1.1995 mL	2.3991 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

FLT3-IN-2 is a FLT3 inhibitor with IC₅₀ of \approx 1 μ M, 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.

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

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