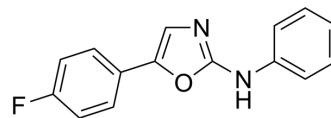


FLT3-IN-10

Cat. No.:	HY-134481
CAS No.:	2088735-51-5
Molecular Formula:	C ₁₅ H ₁₁ FN ₂ O
Molecular Weight:	254.26
Target:	FLT3
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (491.62 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	3.9330 mL	19.6649 mL	39.3298 mL
	5 mM	0.7866 mL	3.9330 mL	7.8660 mL
	10 mM	0.3933 mL	1.9665 mL	3.9330 mL

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

BIOLOGICAL ACTIVITY

Description

FLT3-IN-10 (compound 7c) is a potent inhibitor of FMS-like tyrosine kinase 3 (FLT3). FLT3-IN-10 has the potential for the research of FLT3-mutated acute myeloid leukemia (AML)^[1].

IC₅₀ & Target

FLT3^[1]

REFERENCES

[1]. Kim HJ, et al. Discovery of Oxazol-2-amine Derivatives as Potent Novel FLT3 Inhibitors. *Molecules*. 2020;25(21):5154.

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

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