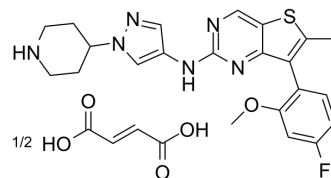


MAX-40279 hemifumarate

Cat. No.:	HY-145723B
CAS No.:	2388506-43-0
Molecular Formula:	C ₂₂ H ₂₃ FN ₆ OS.1/2C ₄ H ₄ O ₄
Molecular Weight:	554.59
Target:	FLT3; FGFR
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMF : 1.96 mg/mL (3.53 mM; ultrasonic and warming and adjust pH to 5 with HCl and heat to 60°C)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.8031 mL	9.0157 mL	18.0313 mL
	5 mM	---	---	---
	10 mM	---	---	---

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

BIOLOGICAL ACTIVITY

Description

MAX-40279 hemifumarate is a dual and potent inhibitor of FLT3 kinase and FGFR kinase. MAX-40279 hemifumarate has the potential for the research of acute myelogenous leukemia (AML) (extracted from patent WO2021180032)^[1].

IC₅₀ & Target

FLT3 and FGFR^[1]

REFERENCES

[1]. Yuguang Wang, et al. Novel Therapeutic Methods. Patent WO2021180032A1.

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

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