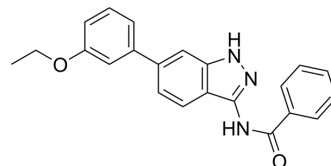


FGFR2-IN-1

Cat. No.:	HY-145230
CAS No.:	2677709-76-9
Molecular Formula:	C ₂₂ H ₁₉ N ₃ O ₂
Molecular Weight:	357.41
Target:	FGFR
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 : 100 mg/mL (279.79 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.7979 mL	13.9895 mL	27.9791 mL
	5 mM	0.5596 mL	2.7979 mL	5.5958 mL
	10 mM	0.2798 mL	1.3990 mL	2.7979 mL

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

BIOLOGICAL ACTIVITY

Description

FGFR2-IN-1 is a selective FGFR2 inhibitor with an IC₅₀ of 140 nM.

IC₅₀ & Target

FGFR2
140 nM (IC₅₀)

REFERENCES

[1]. Turner LD, et al. From Fragment to Lead: De Novo Design and Development toward a Selective FGFR2 Inhibitor. J. Med. Chem. 2021 Nov 15.

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

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