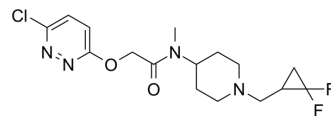


FGFR-IN-7

Cat. No.:	HY-147684
CAS No.:	2488764-17-4
Molecular Formula:	C ₁₆ H ₂₁ ClF ₂ N ₄ O ₂
Molecular Weight:	374.81
Target:	FGFR
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	FGFR-IN-7 (compound 17) is an orally active, potent and BBB-penetrated FGFR (fibroblast growth factor receptor) modulator. FGFR-IN-7 shows neuroprotective activity. FGFR-IN-7 improves brain exposure and reduced risk of phospholipidosis. FGFR-IN-7 can be used for neurodegenerative diseases research ^[1] .
In Vivo	FGFR-IN-7 (compound 17) (1 mg/kg, Orally, once daily for 10 days) significantly enhances recovery of coordinated movement in the in vivo rat acute stroke model ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Sakai H, et al. Fibroblast growth factor receptor modulators employing diamines with reduced phospholipidosis-inducing potential. *Bioorg Med Chem*. 2020 Jul 15;28(14):115562.

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

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