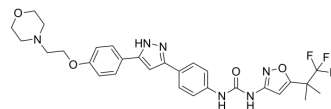


RET-IN-22

Cat. No.:	HY-149099
CAS No.:	2918281-79-3
Molecular Formula:	C ₂₉ H ₃₁ F ₃ N ₆ O ₄
Molecular Weight:	584.59
Target:	RET
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	RET-IN-22 (compound 17b) is a potent, selective and orally active RET inhibitor with an IC ₅₀ of 20.9 nM and 18.3 nM for wild-type RET and RET-V804M, respectively. RET-IN-22 shows highly selective profile to most kinases, especially to EGFR and VEGFR2. RET-IN-22 has anticancer effects ^[1] .
IC ₅₀ & Target	IC50: 20.9 nM (wild-type RET) and 18.3 nM (RET-V804M) ^[1]

REFERENCES

[1]. Kaifu Wu, et al. Discovery of 3,5-diaryl-1H-pyrazol-based ureas as potent RET inhibitors. Eur J Med Chem. 2023 May 5;251:115237.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA