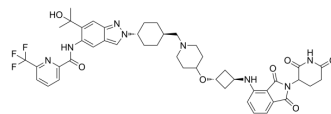


KTX-955

Cat. No.:	HY-148275
CAS No.:	2573302-50-6
Molecular Formula:	C ₄₆ H ₅₁ F ₃ N ₈ O ₇
Molecular Weight:	884.94
Target:	IRAK
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	KTX-955 is a potent IRAK4 degrader with DC ₅₀ values of 5 nM and 130 nM for IRAK4 and Ikaros, respectively. KTX-955 can be used to research anticancer ^{[1][2]} .
IC ₅₀ & Target	IRAK4 5 nM (IC ₅₀)
In Vitro	KTX-955 (compound I-312) degrades IRAK4 in OCI-LY10 at 24 hours with an IC ₅₀ of <0.05 μM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Matthew Weiss. Discovery and characterization of IRAKIMiDs: degraders targeting both IRAK4 and IMiD substrates for oncology indications. Northeastern Section, ACS (NESACS).

[2]. Nello Mainolfi, et al. Irak degraders and uses thereof. WO2020264499A1

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

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