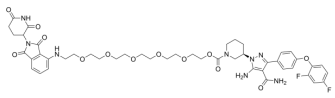
PROTAC BTK Degrader-2

Cat. No.:	HY-122828
CAS No.:	2250382-66-0
Molecular Formula:	$C_{47}H_{54}F_2N_8O_{13}$
Molecular Weight:	976.97
Target:	PROTACs; Btk
Pathway:	PROTAC; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PROTAC BTK Degrader-2 is a potent BTK PROTAC degrader. PROTAC BTK Degrader-2 effectively reduces BTK protein levels[1].
In Vitro	PROTAC BTK Degrader-2 (compound 10; 1 μM; 24 h; Ramos cells) facilitates BTK degradation in cultured cells[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.
In Vivo	PROTAC BTK Degrader-2 (compound 10; 0-175 mg/kg; s.c.) selectively degrades BTK in rats[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

Animal Model:	male Wistar Han rats[1]
Dosage:	0, 0.35, 35, and 175 mg/kg
Administration:	subcutaneous injection
Result:	Degraded BTK in a dose-dependent and tissue-biased manner.

REFERENCES

[1]. Zorba A, et, al. Delineating the role of cooperativity in the design of potent PROTACs for BTK. Proc Natl Acad Sci U S A. 2018 Jul 31;115(31):E7285-E7292.

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