



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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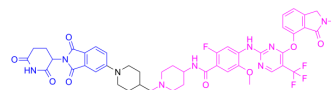
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PROTAC FAK degrader 2

Cat. No.:	HY-163709
Molecular Formula:	C ₄₆ H ₄₅ F ₄ N ₉ O ₈
Molecular Weight:	927.9
Target:	PROTACS; FAK
Pathway:	PROTAC; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

PROTAC FAK degrader 2 (Compound F2) is a PROTAC degrader for focal adhesion kinase (FAK), with DC₅₀ of 27.72 and 60.1 nM, for total FAK and phosphorylated p-FAK. PROTAC FAK degrader 2 inhibits cell viability of cancer cells 4T1, MDA-MB-231, MDA-MB-468 and MDA-MB-435, with IC₅₀s of 0.73-5.84 μM. PROTAC FAK degrader 2 reverses the multidrug resistance (MDR) through inhibition of AKT and ERK signaling pathway. PROTAC FAK degrader 2 exhibits antitumor efficacy in HCT/8 xenograft mouse model. (Pink: ligand for target protein Ifebemtinib (HY-122844); Black: linker (HY-Y0681); Blue: ligand for E3 ligase Thalidomide (HY-14658))^[1]

REFERENCES

[1]. Xu MS, et al., A novel FAK-degrading PROTAC molecule exhibited both anti-tumor activities and efficient MDR reversal effects. *Acta Pharmacol Sin.* 2024 Jun 6.

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

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