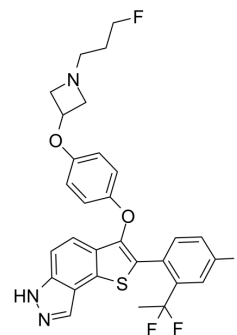


ER α degrader 5

Cat. No.:	HY-146267
CAS No.:	2941268-96-6
Molecular Formula:	C ₂₉ H ₂₅ F ₄ N ₃ O ₂ S
Molecular Weight:	555.59
Target:	Estrogen Receptor/ERR
Pathway:	Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	ER α degrader 5 (Compound 40) is a selective, orally bioavailable estrogen receptor (ER) degrader (SERD) with an EC ₅₀ of 1.1 nM against ER α . ER α degrader 5 shows antitumor effect in vivo ^[1] .		
IC₅₀ & Target	ER α 1.1 nM (EC ₅₀)	ER α 0.9 nM (IC ₅₀)	ER β 2.3 nM (IC ₅₀)
In Vitro	ER α degrader 5 (Compound 40) shows antiproliferative activity with an IC ₅₀ of 1.0 nM against MCF-7 ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.		

REFERENCES

[1]. Zhengyu Lu, et al. Discovery of Thieno[2,3-e]indazole Derivatives as Novel Oral Selective Estrogen Receptor Degraders with Highly Improved Antitumor Effect and Favorable Druggability. *J Med Chem.* 2022 Apr 14;65(7):5724-5750.

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

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