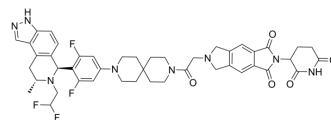


ERD-3111

Cat. No.:	HY-149480
CAS No.:	2832865-25-3
Molecular Formula:	C ₄₅ H ₄₆ F ₄ N ₈ O ₅
Molecular Weight:	854.89
Target:	PROTACs; Estrogen Receptor/ERR
Pathway:	PROTAC; Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	ERD-3111 (Compound 44) is an orally active PROTAC ER α degrader (DC ₅₀ : 0.5 nM). ERD-3111 inhibits tumor growth in the parental MCF-7 xenograft model with wild-type ER and two clinically relevant ESR1 mutated mice model. ERD-3111 can be used in the research of ER+ breast cancer ^[1] .
IC ₅₀ & Target	ER α ^[1]

REFERENCES

[1]. Chen Z, et al. Discovery of ERD-3111 as a Potent and Orally Efficacious Estrogen Receptor PROTAC Degradar with Strong Antitumor Activity. J Med Chem. 2023 Aug 30.

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

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