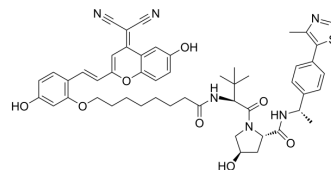


PROTAC ER α Degradator-6

Cat. No.:	HY-157765
Molecular Formula:	C ₅₁ H ₅₆ N ₆ O ₈ S
Molecular Weight:	913.09
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	PROTAC ER α Degradator-6 (compound A3) is a potent PROTAC degrader of ER α , with DC ₅₀ of 0.12 μ M. PROTAC ER α Degradator-6 has anti-tumor effect. PROTAC ER α Degradator-6 is a fluorescent probes with Em of 582 nm that enable real-time visualization of ER α protein degradation ^[1] .
IC ₅₀ & Target	ER α 0.12 μ M (DC50)
In Vitro	PROTAC ER α Degradator-6 (compound A3) displays exceptional anti-proliferative activity against MCF-7 cells (IC ₅₀ =0.051 μ M) ^[1] . PROTAC ER α Degradator-6 exhibits exceptional fluorescence imaging performance with λ = 582 nm, a Stokes shift of 116 nm ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Xiaohua Wang, et al. Fluorescence theranostic PROTACs for real-time visualization of ER α degradation. Eur J Med Chem. 2024 Feb 1;267:116184.

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

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