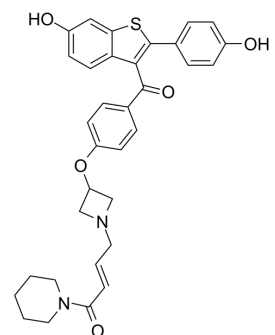


ER α antagonist 1

Cat. No.:	HY-144733
CAS No.:	2762423-09-4
Molecular Formula:	C ₃₃ H ₃₂ N ₂ O ₅ S
Molecular Weight:	568.68
Target:	Estrogen Receptor/ERR; Apoptosis
Pathway:	Others; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	ER α antagonist 1 (Compound 19d) is a potent, selective, covalent estrogen receptor α (ER α) antagonist. ER α antagonist 1 induces apoptosis and cell cycle G0/G1 phase arrest in MCF-7 cells ^[1] .
IC ₅₀ & Target	ER α

REFERENCES

[1]. Bai C, et al. Benzothiophene derivatives as selective estrogen receptor covalent antagonists: Design, synthesis and anti-ER α activities. *Bioorg Med Chem*. 2021 Oct 1;47:116395.

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

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