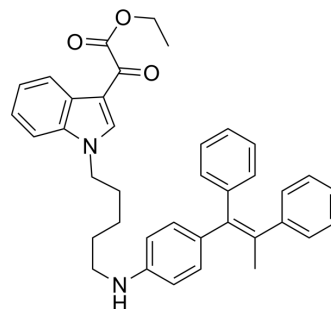


Aromatase-IN-3

Cat. No.:	HY-162105
Molecular Formula:	C ₃₈ H ₃₈ N ₂ O ₃
Molecular Weight:	570.72
Target:	Cytochrome P450
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Aromatase-IN-3 (compound 7d) is an aromatase inhibitor with an IC ₅₀ of 54 nM. Through suppressing the conversion of androstenedione to oestrogen caused by aromatase, Aromatase-IN-3 exerts an appreciable tumor growth inhibitory activities against breast cancer cell lines, suggesting its usage for ER+ cancer research ^[1] .
IC ₅₀ & Target	Aromatase 54 nM (IC ₅₀)

REFERENCES

[1]. Rani S, et al. Targeting aromatase to restrain oestrogen production and developing efficacious interventions against ER-positive cancer. Eur J Med Chem. 2023 Dec 31;265:116111.

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

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