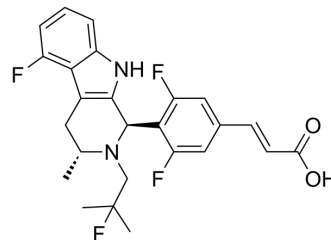


Estrogen receptor modulator 8

Cat. No.:	HY-153700
CAS No.:	2170766-56-8
Molecular Formula:	C ₂₅ H ₂₄ F ₄ N ₂ O ₂
Molecular Weight:	460.46
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	Estrogen receptor modulator 8 (compound 4) is an orally active inhibitor of Estrogen Receptor/ERR α (IC ₅₀ =0.437 nM, MCF-7 cells). Estrogen receptor modulator 8 inhibits MCF-7 cells proliferation with an IC ₅₀ value of 0.1 nM ^[1] .
IC ₅₀ & Target	IC50: 0.437 nM (ERR α in MCF-7 cells)

REFERENCES

[1]. Guan D, et al. Preparation of 3-[4-(tetrahydro-1H-pyrrolo[3,4-b]indol-1-yl)phenyl]acrylic acid compound useful as estrogen receptor down-regulator (SERD). World Intellectual Property Organization, WO2018001232 A1. 2018-01-04.

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

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