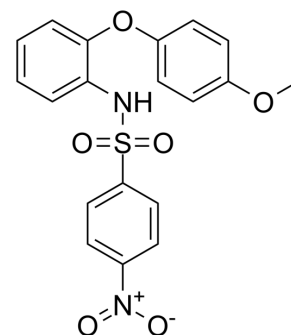


ERR α antagonist-2

Cat. No.:	HY-144699
CAS No.:	3032965-02-6
Molecular Formula:	C ₁₉ H ₁₆ N ₂ O ₆ S
Molecular Weight:	400.41
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	ERR α antagonist-2 (Compound 11) is a potential ERR α (estrogen related receptor α) inverse agonist with an IC ₅₀ of 0.80 μ M. ERR α antagonist-2 suppresses the migration and invasion of the ER-negative MDA-MB-231 cell line. ERR α antagonist-2 inhibits breast cancer growth in vivo ^[1] .
IC ₅₀ & Target	ERR α 0.80 μ M (IC ₅₀)

REFERENCES

[1]. Zhipei Gao, et al. The discovery of a novel series of potential ERR α inverse agonists based on p-nitrobenzenesulfonamide template for triple-negative breast cancer in vivo. J Enzyme Inhib Med Chem. 2022 Dec;37(1):125-134.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA