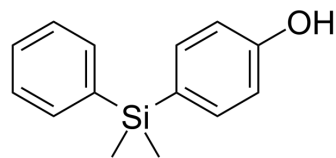


Estrogen receptor-IN-1

Cat. No.:	HY-150601
CAS No.:	74027-99-9
Molecular Formula:	C ₁₄ H ₁₆ O _{Si}
Molecular Weight:	228.36
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-IN-1 (compound 16) is a potent estrogen receptor (ER) inhibitor with IC ₅₀ s of 13, 5 μM for ERα and ERβ, respectively ^[1] .	
IC₅₀ & Target	ERα 13 μM (IC ₅₀)	ERβ 5 μM (IC ₅₀)

REFERENCES

[1]. Saito H, et al. Phosphine boranes as less hydrophobic building blocks than alkanes and silanes: Structure-property relationship and estrogen-receptor-modulating potency of 4-phosphinophenol derivatives. *Bioorg Med Chem.* 2020 Feb 15;28(4):115310.

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

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