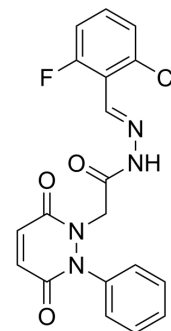


PDE5-IN-12

Cat. No.:	HY-161290
Molecular Formula:	C ₁₉ H ₁₄ ClFN ₄ O ₃
Molecular Weight:	400.79
Target:	Phosphodiesterase (PDE)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PDE5-IN-12 (compound 4h) is a potent phosphodiesterase-5 (PDE-5) inhibitor with an IC ₅₀ of 22 nM. PDE5-IN-12 shows anti-proliferative effects against the aortic cell line ^[1] .
IC ₅₀ & Target	PDE5 22 nM (IC ₅₀)

REFERENCES

[1]. Zeinab S Abd-Rabo, et al. Design, synthesis, and biological evaluation of some new 2-phenyl-3,6-pyridazinedione derivatives as PDE-5 inhibitors. Bioorg Chem. 2024 Feb 16:145:107213.

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