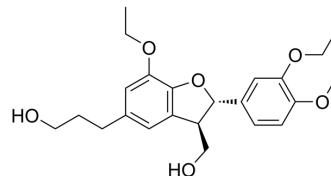


PDE4-IN-15

Cat. No.:	HY-161381
Molecular Formula:	C ₂₃ H ₃₀ O ₆
Molecular Weight:	402.48
Target:	Phosphodiesterase (PDE); TNF Receptor
Pathway:	Metabolic Enzyme/Protease; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PDE4-IN-15 (compound 7b-1) is an inhibitor of PDE4 (IC ₅₀ = 0.17 μM) and has anti-TNF-α activity (EC ₅₀ = 0.19 μM). PDE4-IN-15 has a good skin permeability ^[1] .
IC ₅₀ & Target	PDE4

REFERENCES

[1]. Chenming Gu, et al. Identification of Dihydrobenzofuran Neolignans as Novel PDE4 Inhibitors and Evaluation of Antiatopic Dermatitis Efficacy in DNCB-Induced Mice Model. *J Med Chem.* 2024, 67, 6.

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