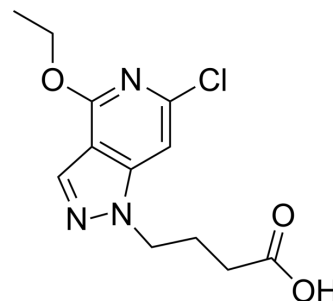


Z21090

Cat. No.:	HY-157457
CAS No.:	2992690-71-6
Molecular Formula:	C ₁₂ H ₁₄ ClN ₃ O ₃
Molecular Weight:	283.71
Target:	Phosphodiesterase (PDE)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Z21090 (ZL40) is a potent inhibitor of PDE4 with the IC ₅₀ value of 37.4 nM and oral bioavailability. Z21090 plays an important role in alcohol-related diseases research ^[1] .
IC ₅₀ & Target	PDE4 37.4 nM (IC ₅₀)

REFERENCES

[1]. Lei Zheng, et al. Discovery of 4-Ethoxy-6-chloro-5-azaindazoles as Novel PDE4 Inhibitors for the Treatment of Alcohol Use Disorder and Alcoholic Liver Diseases. J Med Chem. 2023 Dec 29.

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