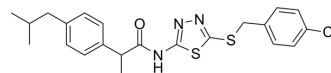


NTPDase-IN-3

Cat. No.:	HY-143289
CAS No.:	2883147-45-1
Molecular Formula:	C ₂₂ H ₂₄ ClN ₃ OS ₂
Molecular Weight:	446.03
Target:	Phosphatase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	NTPDase-IN-3 (Compound 5e) is a NTPDase inhibitor, with IC ₅₀ values of: 0.38 μM (NTPDase3), 0.05 μM (NTPDase8), 0.21 μM (NTPDase1), and 1.07 μM (NTPDase2). NTPDase-IN-3 can be used in the research of cancers and thrombosis ^[1] .
IC ₅₀ & Target	IC50: 0.38 μM (NTPDase 3), 0.05 μM (NTPDase 8), 0.21 μM (NTPDase1), 1.07 μM (NTPDase2) ^[1]

REFERENCES

[1]. Sadia Abbas, et al. Synthesis, characterization and biological evaluation of thiadiazole amide derivatives as nucleoside triphosphate diphosphohydrolases (NTPDases) inhibitors. Bioorg Chem. 2022 Jan;118:105456.

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

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