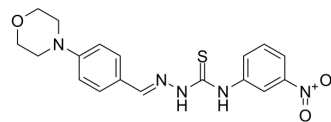


NPP3-IN-1

Cat. No.:	HY-163449
Molecular Formula:	C ₁₈ H ₁₉ N ₅ O ₃ S
Molecular Weight:	385.44
Target:	Phosphatase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	NPP3-IN-1 (Compound 3e) is an inhibitor of phosphodiesterase/pyrophosphatase-3 (NPP3) (IC ₅₀ : 0.24 μM and 1.37 μM for NPP3 and NPP1 respectively ^[1]).
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REFERENCES

[1]. Tasleem M, et al. Synthesis, in vitro, and in silico studies of morpholine-based thiosemicarbazones as ectonucleotide pyrophosphatase/phosphodiesterase-1 and -3 inhibitors. *Int J Biol Macromol.* 2024 May;266(Pt 2):131068.

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

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