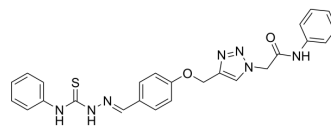


PTP1B-IN-26

Cat. No.:	HY-162479
Molecular Formula:	C ₂₅ H ₂₃ N ₇ O ₂ S
Molecular Weight:	485.56
Target:	Phosphatase; Amyloid-β
Pathway:	Metabolic Enzyme/Protease; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

PTP1B-IN-26 (Compound 7a) is a derivative of phenylthiosemicarbazide-phenoxy-1,2,3-triazole-N-phenylacetamide. PTP1B-IN-26 is an inhibitor of protein tyrosine phosphatase 1B (PTP-1B). PTP1B-IN-26 is a competitive inhibitor. PTP1B-IN-26 can be used to research in type 2 diabetes.

REFERENCES

[1]. Ansariashlaghi S, Fakhrioliaei A, Mohammadi-Khanaposhtani M, et al. New phenylthiosemicarbazide-phenoxy-1, 2, 3-triazole-N-phenylacetamides as dual inhibitors against α-glucosidase and PTP-1B for the treatment of type 2 diabetes[J]. Archiv der Pharmazie, 2024: e2300517.

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