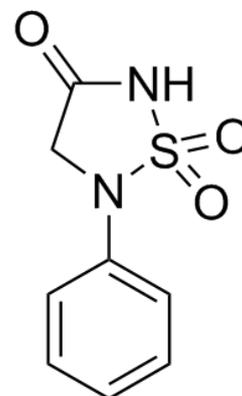


Product Name : PTP1B-IN-1
Cat. No. : PC-42696
CAS No. : 612530-44-6
Molecular Formula : C₈H₈N₂O₃S
Molecular Weight : 212.2257
Target : Protein Phosphatase/PTP
Solubility : DMSO: ≥ 38 mg/mL



Biological Activity

PTP1B-IN-1 is a 1,2,5-thiadiazolidin-3-one-1,1-dioxide scaffold for design of protein tyrosine phosphatase-1B (**PTP1B**) inhibitor, shows weak inhibition for PTP1B with IC₅₀ of 1.6 mM.

References

Black E, et al. *Bioorg Med Chem Lett*. 2005 May 16;15(10):2503-7.
Vintonyak VV, et al. *Bioorg Med Chem*. 2011 Apr 1;19(7):2145-55.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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