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DATASHEET

PTP1B Inhibitor

Product overview

Name	PTP1B Inhibitor
Cat No	HB0540
Biological action	Inhibitor
Purity	>95%
Description	PTP1B inhibitor

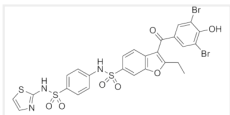
Biological Data

Biological description	Protein tyrosine phosphatase 1B (PTP1B) inhibitor. Enhances insulin action.
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Solubility & Handling

Solubility overview	Soluble in DMSO or ethanol
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Molecular Weight	741.5
Chemical structure	
Molecular Formula	C ₂₆ H ₁₉ Br ₂ N ₃ O ₇ S ₃
CAS Number	765317-72-4

References

Allosteric inhibition of protein tyrosine phosphatase 1B.

Wiesmann C *et al* (2004) Nat Struct Mol Biol 11(8)

PubMedID [15258570](#)

Protein tyrosine phosphatase 1B regulates TGF beta 1-induced Smad2 activation through PI3 kinase-dependent pathway.

Sun T *et al* (2006) Cytokine 35(1-2)

PubMedID [16949833](#)