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## DATASHEET

PTP1B Inhibitor

### Product overview

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

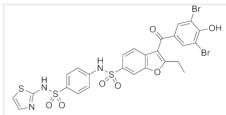
### Biological Data

<b>Biological description</b>	Protein tyrosine phosphatase 1B (PTP1B) inhibitor. Enhances insulin action.
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### Solubility & Handling

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

### Chemical Data

<b>Molecular Weight</b>	741.5
<b>Chemical structure</b>	
<b>Molecular Formula</b>	C <sub>26</sub> H <sub>19</sub> Br <sub>2</sub> N <sub>3</sub> O <sub>7</sub> S <sub>3</sub>
<b>CAS Number</b>	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](#)