
Product Data Sheet

Product Name: PTP1B-IN-15

Cat. No.: GC64556

Chemical Properties

Cas. No. 765317-71-3

Formula C₁₉H₁₇Br₂N₂O₅S

M.Wt 531.21

Solubility DMSO : 250 mg/mL (470.62 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

PTP1B-IN-15 is a potent and selective inhibitor of protein tyrosine phosphatase 1B (PTP1B). PTP1B-IN-15 has the potential for the research of type II diabetes and obesity[1].

[1]. Kamerlin SC, et al. A molecular dynamics study of WPD-loop flexibility in PTP1B. *Biochem Biophys Res Commun.* 2007;356(4):1011-1016.

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

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