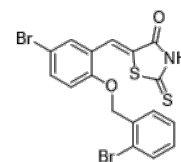


**Product Name** : PTP4A3 inhibitor BR-1  
**Cat. No.** : PC-22858  
**CAS No.** : 893449-38-2  
**Molecular Formula** : C<sub>17</sub>H<sub>11</sub>Br<sub>2</sub>NO<sub>2</sub>S<sub>2</sub>  
**Molecular Weight** : 485.21  
**Target** : Protein Phosphatase/PTP  
**Solubility** : 10 mM in DMSO



CAS: 893449-38-2

## Biological Activity

PTP4A3 inhibitor BR-1 is a specific inhibitor of PTP4A3 (PRL-3, phosphatase of regenerating liver-3) with IC<sub>50</sub> of 1.1 μM, selective over other 10 phosphatases, inhibits the migration and invasion of metastatic cancer cells.

## References

Ahn JH, et al. Bioorg. Med. Chem. Lett. 2013;23:3769.

Garam Min, et al. Bioorg Med Chem Lett. 2013 Jul 1;23(13):3769-74.

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

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