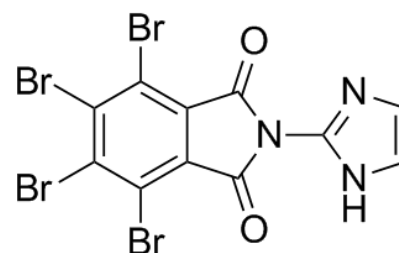


**Product Name** : TBID  
**Cat. No.** : PC-42167  
**CAS No.** : 1639895-85-4  
**Molecular Formula** : C<sub>11</sub>H<sub>3</sub>Br<sub>4</sub>N<sub>3</sub>O<sub>2</sub>  
**Molecular Weight** : 528.7764  
**Target** : DYRK  
**Solubility** : DMSO: 26 mg/mL



### Biological Activity

tBID is a potent, selective and cell permeable homeodomain-interacting protein kinase 2 (**HIPK2**) inhibitor with IC<sub>50</sub> of 0.33  $\mu$ M.

tBID displays selectivity Gini coefficient 0.592 out of a panel of 76 kinases, and also inhibits HIPK1 and HIPK3 with less efficiently.

tBID the first pharmacological tool to down regulate cellular HIPK2 in cells.

### References

Cozza G, et al. *PLoS One*. 2014 Feb 24;9(2):e89176.

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

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