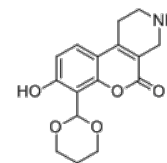


**Product Name** : B-I09  
**Cat. No.** : PC-47078  
**CAS No.** : 1607803-67-7  
**Molecular Formula** : C<sub>16</sub>H<sub>17</sub>NO<sub>5</sub>  
**Molecular Weight** : 303.31  
**Target** : IRE1  
**Solubility** : 10 mM in DMSO



## Biological Activity

B-I09 is a cell permeable **IRE-1** RNase inhibitor with IC<sub>50</sub> of 1.23 uM, inhibits IRE-1/XBP1 pathway, inhibits growth of human chronic lymphocytic leukemia (CLL) cells both in vitro and in vivo.

## References

Chih-Hang Anthony Tang, et al. *J Clin Invest.* 2014 Jun;124(6):2585-98.

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

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