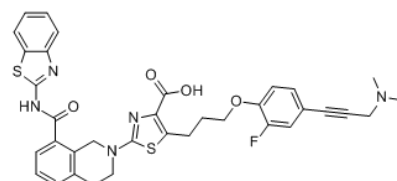


**Product Name** : A-1155463  
**Cat. No.** : PC-45687  
**CAS No.** : 1235034-55-5  
**Molecular Formula** : C<sub>35</sub>H<sub>32</sub>FN<sub>5</sub>O<sub>4</sub>S<sub>2</sub>  
**Molecular Weight** : 669.7881  
**Target** : Bcl-2  
**Solubility** : DMSO: ≥ 31 mg/mL



## Biological Activity

A-1155463 is a highly potent and selective BCL-XL inhibitor (K<sub>i</sub>=10 pM); shows >1000-fold weaker binding to BCL-2, BCL-W (K<sub>i</sub> =19 nM) and MCL-1 (K<sub>i</sub> >440 nM); inhibits H146 SCLC xenograft tumor growth in vivo.

## References

Tao ZF, et al. ACS Med Chem Lett. 2014 Aug 26;5(10):1088-93.

Leverson JD, et al. Sci Transl Med. 2015 Mar 18;7(279):279ra40.

Punnoose EA, et al. Mol Cancer Ther. 2016 May;15(5):1132-44.

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

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