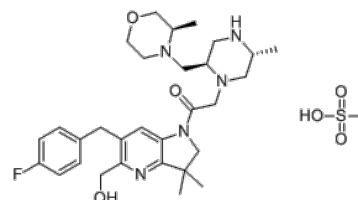


**Product Name** : ASTX660 mesylate  
**Cat. No.** : PC-63393  
**CAS No.** : 1799328-90-7  
**Molecular Formula** : C<sub>31</sub>H<sub>46</sub>FN<sub>5</sub>O<sub>6</sub>S  
**Molecular Weight** : 635.796  
**Target** : IAP  
**Solubility** : 10 mM in DMSO



### Biological Activity

ASTX660 mesylate is a novel potent **IAP** antagonist that targets the BIR3 domain of cIAP1/2 and XIAP with IC<sub>50</sub> of 12 nM and <40 nM.

ASTX660 potently inhibits association between XIAP and caspase 9 in HEK293 cell line with EC<sub>50</sub> of 2.8 nM, binds to and leads to the degradation of cIAP1/2 and stabilisation of NIK in cell.

ASTX660 induces apoptosis in MDA-MB-231 cells with EC<sub>50</sub> of 1.8 nM, which is TNF-α-dependent.

ASTX660 inhibits tumor growth in mice bearing breast and melanoma tumor xenografts.

### References

Ward GA, et al. *Mol Cancer Ther.* 2018 Apr 25. pii: molcanther.0848.2017.

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

E-mail: tech@probechem.com