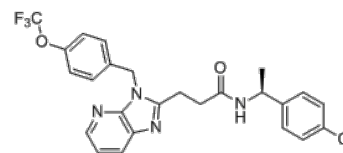


**Product Name** : CRT0273750  
**Cat. No.** : PC-38008  
**CAS No.** : 1979939-16-6  
**Molecular Formula** : C<sub>25</sub>H<sub>22</sub>ClF<sub>3</sub>N<sub>4</sub>O<sub>2</sub>  
**Molecular Weight** : 502.922  
**Target** : Autotaxin  
**Solubility** : 10 mM in DMSO



## Biological Activity

CRT0273750 (IOA-289) is a potent, selective inhibitor of **autotaxin** with IC<sub>50</sub> of 1 nM.

CRT0273750 (IOA-289) does not bind to the catalytic zinc region of ATX but binds to both the substrate pocket as well as to the LPA carrier channel thereby blocking both functions of ATX.

CRT0273750 modulates LPA levels in plasma and is suitable for in vivo studies.

## References

Pritom Shah, et al. Bioorg Med Chem Lett. 2016 Nov 15;26(22):5403-5410.

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

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