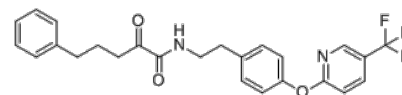


**Product Name** : LEI110  
**Cat. No.** : PC-35979  
**CAS No.** : 2313525-90-3  
**Molecular Formula** : C<sub>25</sub>H<sub>23</sub>F<sub>3</sub>N<sub>2</sub>O<sub>3</sub>  
**Molecular Weight** : 456.465  
**Target** : Phospholipase  
**Solubility** : 10 mM in DMSO



### Biological Activity

LEI110 (LEI-110) is a potent Phospholipase A2 group XVI (**PLA2G16**) inhibitor with K<sub>i</sub> of 20 nM, also has activity on HRASLS2, RARRES3 and iNAT (pIC<sub>50</sub>=6.8-7.6).

LEI110 reduces cellular arachidonic acid levels and oleic acid-induced lipolysis in human HepG2 cells.

LEI110 is a selective pan-inhibitor of the **HRASLS-family of thiol hydrolases** (i.e. PLA2G16, HRASLS2, RARRES3 and iNAT).

### References

Zhou J, et al. **ACS Chem Biol.** 2019 Jan 8. doi: 10.1021/acscchembio.8b00969.

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

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