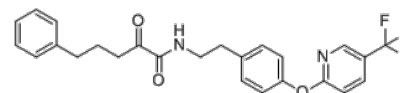


Product Name : LEI110
Cat. No. : PC-35979
CAS No. : 2313525-90-3
Molecular Formula : C₂₅H₂₃F₃N₂O₃
Molecular Weight : 456.465
Target : Phospholipase
Solubility : 10 mM in DMSO



Biological Activity

LEI110 (LEI-110) is a potent Phospholipase A2 group XVI (**PLA2G16**) inhibitor with K_i of 20 nM, also has activity on HRASLS2, RARRES3 and iNAT (pIC₅₀=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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