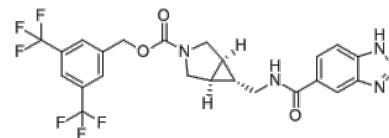


Product Name : BI-2545
Cat. No. : PC-60142
CAS No. : 2162961-71-7
Molecular Formula : $C_{23}H_{19}F_6N_5O_3$
Molecular Weight : 527.427
Target : Autotaxin
Solubility : 10 mM in DMSO



Biological Activity

BI-2545 is a novel potent, selective, orally available **Autotaxin** inhibitor with IC50 of 2.1 and 3.4 nM for huamn and rat ATX, respectively.

BI-2545 displays good potency in the LPA and rat whole blood assay (IC₅₀=29 nM).

BI-2545 shows substantial lowering of LPA in vivo, and excellent PK/Target Engagement relationship.

References

Christian A. Kuttruff, et al. **ACS Med. Chem. Lett.**, 2017, 8 (12), pp 1252-1257. DOI: 10.1021/acsmmedchemlett.7b00312

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

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