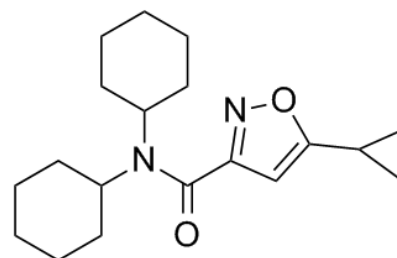


Product Name : CYM-5541
Cat. No. : PC-42379
CAS No. : 945128-26-7
Molecular Formula : C₁₉H₂₈N₂O₂
Molecular Weight : 316.43782
Target : Lysophospholipid Receptor
Solubility : DMSO: ≥ 39 mg/mL



Biological Activity

CYM-5541 (ML249) is a potent, selective, allosteric and full agonist of **S1P3** receptor with EC₅₀ of 72-132 nM. CYM-5541 exhibits exquisite selectivity over other S1P receptor subtypes in vitro (EC₅₀>10 μM), also shows no significant activities against panel of 55 GPCRs, ion channels, and transporters.

References

- Jo E, et al. ACS Chem Biol. 2012 Dec 21;7(12):1975-83.
St-Cyr Giguère F, et al. Brain Res. 2017 Mar 1;1658:51-59.

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

E-mail: tech@probechem.com