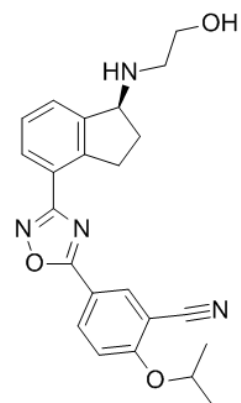


Product Name : Ozanimod
Cat. No. : PC-42950
CAS No. : 1306760-87-1
Molecular Formula : C₂₃H₂₄N₄O₃
Molecular Weight : 404.4617
Target : Lysophospholipid Receptor
Solubility : DMSO: ≥ 29 mg/mL



Biological Activity

Ozanimod (RPC-1063) is a potent, selective agonist of **S1P1** and **S1P5** receptor with EC₅₀ of 0.41 nM and 11 nM respectively.

Ozanimod (RPC-1063) is less potent for S1P2, S1P3 and S1P4 (EC₅₀> 10 μM).

Ozanimod (RPC-1063) induces S1P1 receptor internalization and induced a reversible reduction in circulating B and CCR7(+) T lymphocytes in vivo.

Ozanimod (RPC-1063) shows high oral bioavailability and volume of distribution, and a circulatory half-life.

References

Scott FL, et al. *Br J Pharmacol*. 2016 Jun;173(11):1778-92.

Sandborn WJ, et al. *N Engl J Med*. 2016 May 5;374(18):1754-62.

Sandborn WJ, et al. *N Engl J Med*. 2016 Aug 25;375(8):e17.

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

E-mail: tech@probechem.com