

Data Sheet

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 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

-OH

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 uM).

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!

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