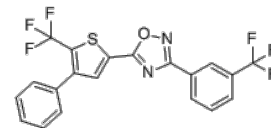


Product Name : SEW2871
Cat. No. : PC-60766
CAS No. : 256414-75-2
Molecular Formula : C₂₀H₁₀F₆N₂OS
Molecular Weight : 440.4
Target : Lysophospholipid Receptor
Solubility : 10 mM in DMSO



Biological Activity

SEW2871 is a potent, selective **S1P1** receptor full agonist with EC₅₀ of 13.8 nM, with no activities at the S1P2-5 receptors. SEW2871 activates ERK, Akt, and Rac signaling pathways and induced S1P(1) internalization and recycling. SEW2871 also inhibits transendothelial migration of medullary T cells to lymphatic sinuses.

References

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Wei SH, et al. Nat Immunol. 2005 Dec;6(12):1228-35.
Lien YH, et al. Kidney Int. 2006 May;69(9):1601-8.
Whetzel AM, et al. Circ Res. 2006 Sep 29;99(7):731-9.

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

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