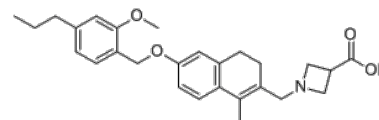


Product Name : Ceralifimod
Cat. No. : PC-70243
CAS No. : 891859-12-4
Molecular Formula : C₂₇H₃₃NO₄
Molecular Weight : 435.56
Target : Lysophospholipid Receptor
Solubility : 10 mM in DMSO



Biological Activity

Ceralifimod (ONO-4641, MSC-2430913A) is a next-generation **S1P receptor** agonist selective for S1P1 and S1P5 with EC50 of 0.0273 nM and 0.334 nM.

Ceralifimod (ONO-4641, MSC-2430913A) decreases peripheral blood lymphocyte counts in rats by inhibiting lymphocyte egress from secondary lymphoid tissues.

Ceralifimod (ONO-4641, MSC-2430913A) inhibits lymphocyte infiltration into the spinal cord in a dose-dependent manner at doses of 0.03 and 0.1 mg/kg in a rat EAE model.

References

Komiya T, et al. *Clin Exp Immunol*. 2013 Jan;171(1):54-62.

Ohno T, et al. *Biopharm Drug Dispos*. 2010 Oct;31(7):396-406.

Subei AM, et al. *CNS Drugs*. 2015 Jul;29(7):565-75.

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

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