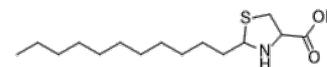


Product Name : CAY10444
Cat. No. : PC-26262
CAS No. : 298186-80-8
Molecular Formula : C₁₅H₂₉NO₂S
Molecular Weight : 287.46
Target : Lysophospholipid Receptor
Solubility : 10 mM in DMSO



Biological Activity

CAY10444 (BML-241) is a selective S1P₃ receptor antagonist, inhibits S1P-induced calcium mobilization in CHO cells expressing human S1P₃ with IC₅₀ of 11.6 μ M.

CAY10444 (5 μ M) inhibits S1P-induced growth and migration of MH7A rheumatoid fibroblast-like synoviocyte cells.

CAY10444 (BML-241) (5 μ M) inhibits the localization and release of IL-1 β and prostaglandin E₂ (PGE₂) in MH7A cells.

References

Tao R, et al. Am J Physiol Heart Circ Physiol. 2010 Mar;298(3):H1022-8.

Koide Y, et al. J Med Chem. 2002 Oct 10;45(21):4629-38.

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

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