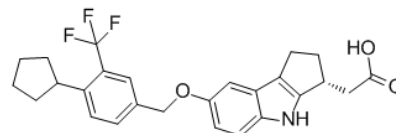


Product Name : Etrasimod
Cat. No. : PC-43209
CAS No. : 1206123-37-6
Molecular Formula : C₂₆H₂₆F₃NO₃
Molecular Weight : 457.4847
Target : Lysophospholipid Receptor
Solubility : DMSO: ≥ 28 mg/mL



Biological Activity

Etrasimod (APD334) is a potent, selective, centrally available **S1P1** receptor antagonist with β -arrestin EC₅₀ of 6.1 nM, internalizes human S1P1 in CHO cells expressing HA tagged S1P1 with IC₅₀ of 1.88 nM.

Etrasimod (APD334) produces robust lymphocyte lowering effect (IC₅₀=0.1 μ M in mice).

Etrasimod (APD334) shows effectivity in mouse experimental autoimmune encephalomyelitis (EAE) model of MS and a rat collagen induced arthritis (CIA) model, orally active.

References

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Peyrin-Biroulet L, et al. *Autoimmun Rev*. 2017 May;16(5):495-503.

Nielsen OH, et al. *Expert Opin Investig Drugs*. 2016 Jun;25(6):709-18.

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

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