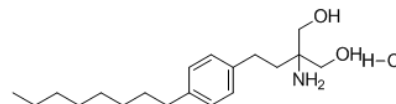


Product Name : Fingolimod hydrochloride
Cat. No. : PC-42821
CAS No. : 162359-56-0
Molecular Formula : C₁₉H₃₄ClNO₂
Molecular Weight : 343.9318
Target : Sphingosine kinase (SphK)
Solubility : 10 mM in DMSO



Biological Activity

Fingolimod (FTY 720) is an immunomodulatory agent can be phosphorylated by SphK, then functions as a potent agonist of S1P receptors (S1P1/3/4/5) with EC₅₀ of 0.3-5 nM; has no affinity for S1P2; alters lymphocyte trafficking and inhibits lymphocyte recirculation.

Multiple Sclerosis
Approved

References

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Billich A, et al. J Biol Chem. 2003 Nov 28;278(48):47408-15.
Forrest M, et al. J Pharmacol Exp Ther. 2004 May;309(2):758-68.

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

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