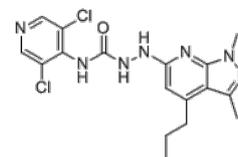


Product Name : JTE 013
Cat. No. : PC-60745
CAS No. : 547756-93-4
Molecular Formula : C₁₇H₁₉N₇OCl₂
Molecular Weight : 408.29
Target : Lysophospholipid Receptor
Solubility : 10 mM in DMSO



Biological Activity

JTE-013 (JTE013) is a potent, specific **S1P2 receptor** (Edg-5) antagonist with IC₅₀ of 17 nM and 22 nM for human and rat S1P2, respectively.

JTE-013 does not affect S1P binding to S1P3 and S1P1 at 10 μM.

JTE-013 inhibits not only S1P-induced vasoconstriction, but also KCl-, U46619- and endothelin-1-induced constriction in vivo.

JTE-013 abrogates S1P induced inhibition and activation, respectively, of Rac and RhoA in B16 cells.

References

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Arikawa K, et al. *J Biol Chem.* 2003 Aug 29;278(35):32841-51.
Ohmori T, et al. *J Thromb Haemost.* 2004 Jan;2(1):203-5.

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

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