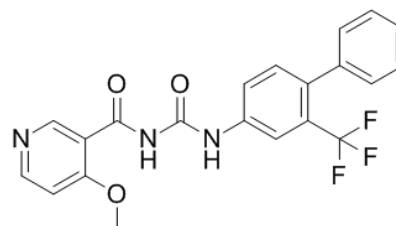


**Product Name** : S1P1 Agonist 8  
**Cat. No.** : PC-43245  
**CAS No.** : 1324003-64-6  
**Molecular Formula** : C<sub>21</sub>H<sub>16</sub>F<sub>3</sub>N<sub>3</sub>O<sub>3</sub>  
**Molecular Weight** : 415.3652  
**Target** : Lysophospholipid Receptor  
**Solubility** : 10 mM in DMSO



## Biological Activity

S1P1 Agonist 8 is a potent, selective, orally bioavailable **S1P1 receptor** agonist with EC<sub>50</sub> of 35 nM (S1P1 internalization), >100-fold selectivity over against receptor subtypes S1P2-5. S1P1 Agonist 8 induces dose-dependent reduction in lymphocyte count in rats.

## References

Harrington PE, et al. *ACS Med Chem Lett.* 2011 Nov 23;3(1):74-8.  
Pennington LD, et al. *ACS Med Chem Lett.* 2011 Jul 29;2(10):752-7.

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

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