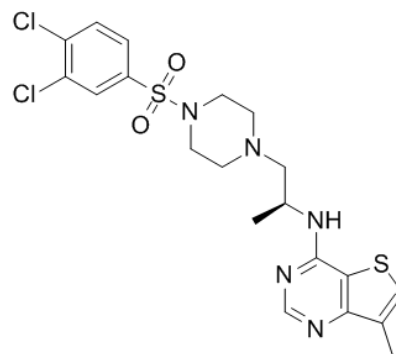


**Product Name** : LPA2 antagonist 1  
**Cat. No.** : PC-45411  
**CAS No.** : 1017606-66-4  
**Molecular Formula** : C<sub>20</sub>H<sub>23</sub>Cl<sub>2</sub>N<sub>5</sub>O<sub>2</sub>S<sub>2</sub>  
**Molecular Weight** : 500.4649  
**Target** : Lysophospholipid Receptor  
**Solubility** : 10 mM in DMSO



## Biological Activity

LPA2 antagonist 1 is a potent, selective **LPA2** (EDG4) antagonist with IC<sub>50</sub> of 17 nM.  
 LPA2 antagonist 1 inhibits the phosphorylation of Erk induced by LPA in a concentration dependent manner.  
 LPA2 antagonist 1 inhibits HCT-116 colon cancer cell proliferation caused by LPA in a doses dependent manner.

## References

Beck HP, et al. *Bioorg Med Chem Lett*. 2008 Feb 1;18(3):1037-41.

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

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