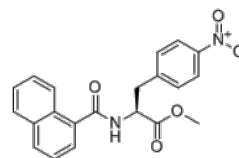


**Product Name** : SB-328437  
**Cat. No.** : PC-20723  
**CAS No.** : 247580-43-4  
**Molecular Formula** : C<sub>21</sub>H<sub>18</sub>N<sub>2</sub>O<sub>5</sub>  
**Molecular Weight** : 378.38  
**Target** : Chemokine Receptor (CCR and CXCR)  
**Solubility** : 10 mM in DMSO



CAS: 247580-43-4

## Biological Activity

SB-328437 is a potent, selective non-peptide CC chemokine receptor-3 (CCR3) antagonist, inhibits 125I-eotaxin binding to human eosinophils with IC<sub>50</sub> of 4.5 nM.

SB-328437 inhibits binding of 125I-MCP-4 to human eosinophils with IC<sub>50</sub> value of 7 nM.

SB-328437 (30 μM) does not inhibit the binding of 125I-IL-8 to CHO-CXCR1 cell or CHO-CXCR2 cell membranes, 125I-SLC (CCL-21) to HEK-293-CCR7 membranes, or [3H]LTD4 to guinea pig lung membranes.

SB-328437 is 250-fold selective for CCR3 over the other 7-TM receptors tested.

SB-328437 is potent inhibitor of eotaxin- and MCP-4-induced Ca<sup>2+</sup> mobilization in RBL-2H3-CCR3 cells and eosinophils.

## References

White JR, et al. J Biol Chem. 2000 Nov 24;275(47):36626-31.

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

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