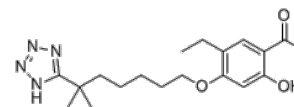


**Product Name** : LY255283  
**Cat. No.** : PC-21589  
**CAS No.** : 117690-79-6  
**Molecular Formula** : C<sub>19</sub>H<sub>28</sub>N<sub>4</sub>O<sub>3</sub>  
**Molecular Weight** : 360.46  
**Target** : Leukotriene Receptor  
**Solubility** : 10 mM in DMSO



## Biological Activity

LY255283 is a selective, competitive antagonist of leukotriene B<sub>4</sub> receptor (BLT<sub>2</sub>) with IC<sub>50</sub> of 1 μM, 10-fold selective over BLT<sub>1</sub> receptor.

LY255283 inhibits LTB<sub>4</sub>-induced contraction of lung parenchyma (pA<sub>2</sub> = 7.2).

LY255283 reduces LTB<sub>4</sub>-mediated airway obstruction in guinea pigs following i.v. and oral administration.

## References

D K Herron, et al. J Med Chem. 1992 May 15;35(10):1818-28.

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

E-mail: tech@probechem.com