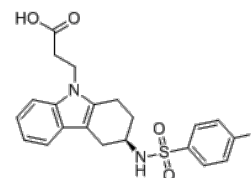


**Product Name** : Ramatroban  
**Cat. No.** : PC-21315  
**CAS No.** : 116649-85-5  
**Molecular Formula** : C<sub>21</sub>H<sub>21</sub>FN<sub>2</sub>O<sub>4</sub>S  
**Molecular Weight** : 416.47  
**Target** : Prostaglandin Receptor  
**Solubility** : 10 mM in DMSO



## Biological Activity

Ramatroban (BAY u3405) is a potent selective thromboxane A<sub>2</sub> (TxA<sub>2</sub>) antagonist with IC<sub>50</sub> of 14 nM, also antagonizes CRTH2 (IC<sub>50</sub>=113 nM) by inhibiting PGD<sub>2</sub> binding.

## References

Stearns BA, et al. Bioorg Med Chem Lett. 2009 Aug 15;19(16):4647-51.

Sugimoto H, et al. J Pharmacol Exp Ther. 2003 Apr;305(1):347-52.

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

E-mail: tech@probechem.com