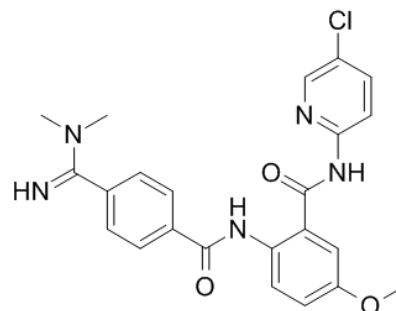


**Product Name** : Betrixaban  
**Cat. No.** : PC-42505  
**CAS No.** : 330942-05-7  
**Molecular Formula** : C<sub>23</sub>H<sub>22</sub>ClN<sub>5</sub>O<sub>3</sub>  
**Molecular Weight** : 451.9055  
**Target** : Factor Xa  
**Solubility** : DMSO: 22 mg/mL



## Biological Activity

A highly potent, selective Factor Xa inhibitor with  $K_i/IC_{50}$  of 0.117 nM/1.5 nM; no significant activity against thrombin, plasmin, tPA, activated protein C, and kallikrein; exhibits weak binding affinity for hERG ( $K_i=0.42$   $\mu$ M); orally efficacious.  
Thrombosis  
Phase 3 Clinical

## References

- Zhang P, et al. Bioorg Med Chem Lett. 2009 Apr 15;19(8):2179-85.  
Cohen AT, et al. Am Heart J. 2014 Mar;167(3):335-41.  
Cohen AT, et al. N Engl J Med. 2016 Aug 11;375(6):534-44.

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

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