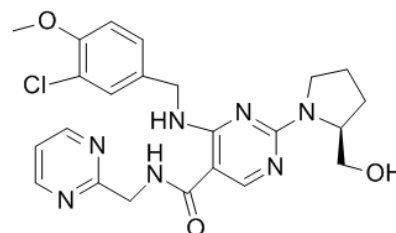


**Product Name** : Avanafil  
**Cat. No.** : PC-45440  
**CAS No.** : 330784-47-9  
**Molecular Formula** : C<sub>23</sub>H<sub>26</sub>ClN<sub>7</sub>O<sub>3</sub>  
**Molecular Weight** : 483.9507  
**Target** : Phosphodiesterase (PDE)  
**Solubility** : 10 mM in DMSO



## Biological Activity

A potent and highly selective PDE5 inhibitor (IC<sub>50</sub>=5.2 nM) for erectile dysfunction; shows no significant effect on PDE1, PDE6 and PDE11.

Sexual Dysfunction

Approved

## References

Kotera J, et al. J Urol. 2012 Aug;188(2):668-74.

Limin M, et al. Expert Opin Investig Drugs. 2010 Nov;19(11):1427-37.

Wang R, et al. J Sex Med. 2012 Aug;9(8):2122-9.

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

E-mail: tech@probechem.com