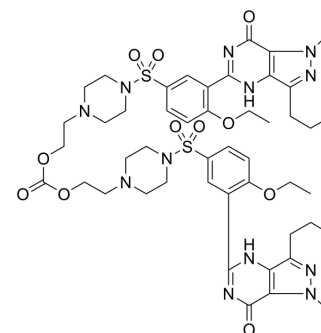


## Lodenafil carbonate

<b>Cat. No.:</b>	HY-108045		
<b>CAS No.:</b>	398507-55-6		
<b>Molecular Formula:</b>	C <sub>47</sub> H <sub>62</sub> N <sub>12</sub> O <sub>11</sub> S <sub>2</sub>		
<b>Molecular Weight:</b>	1035.2		
<b>Target:</b>	Phosphodiesterase (PDE)		
<b>Pathway:</b>	Metabolic Enzyme/Protease		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

<b>Description</b>	Lodenaflil carbonate, a dimer that acts as a proagent delivering Lodenaflil in vivo, is an orally active phosphodiesterase type 5 (PDE5) inhibitor for the treatment of erectile dysfunction (ED) <sup>[1][2]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	PDE5

### REFERENCES

- [1]. Glina S, et al. Efficacy and tolerability of lodenaflil carbonate for oral therapy in erectile dysfunction: a phase II clinical trial. *J Sex Med.* 2009 Feb;6(2):553-7.
- [2]. Toque HA, et al. Pharmacological characterization of a novel phosphodiesterase type 5 (PDE5) inhibitor lodenaflil carbonate on human and rabbit corpus cavernosum. *Eur J Pharmacol.* 2008 Sep 4;591(1-3):189-95.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA