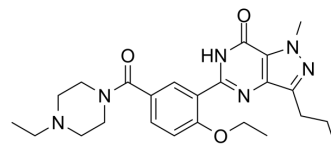


## Carbodenafil

Cat. No.:	HY-100650
CAS No.:	944241-52-5
Molecular Formula:	C <sub>24</sub> H <sub>32</sub> N <sub>6</sub> O <sub>3</sub>
Molecular Weight:	452.55
Target:	Phosphodiesterase (PDE)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Carbodenafil is a Sildenafil (UK-92480) related compound found in health foods. Sildenafil is a potent phosphodiesterase type 5 (PDE5) inhibitor with an IC<sub>50</sub> of 5.22 nM<sup>[1]</sup>.

### REFERENCES

[1]. Wang Z, et al. The Selectivity and Potency of the New PDE5 Inhibitor TPN729MA. J Sex Med. 2013 Nov;10(11):2790-7.

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

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