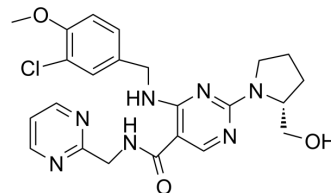


(R)-Avanafil

Cat. No.:	HY-18252B
CAS No.:	1638497-26-3
Molecular Formula:	C ₂₃ H ₂₆ ClN ₇ O ₃
Molecular Weight:	483.95
Target:	Phosphodiesterase (PDE)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	(R)-Avanafil ((R)-TA1790) is a selective PDE5 inhibitor (IC ₅₀ : 5.2 nM). (R)-Avanafil can be used for research of erectile dysfunction ^[1] .
IC ₅₀ & Target	5.2 nM (PDE5) ^[1] .

REFERENCES

[1]. Sakamoto T, et al. The discovery of avanafil for the treatment of erectile dysfunction: a novel pyrimidine-5-carboxamide derivative as a potent and highly selective phosphodiesterase 5 inhibitor. *Bioorg Med Chem Lett*. 2014 Dec 1;24(23):5460-5.

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

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