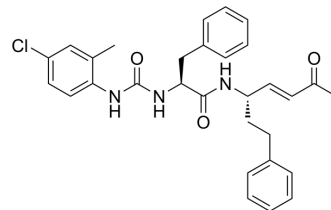


## SPR7

Cat. No.:	HY-150506
Molecular Formula:	C <sub>30</sub> H <sub>32</sub> ClN <sub>3</sub> O <sub>3</sub>
Molecular Weight:	518.05
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

Description	SPR7 (compound 7) is a potent and selective rhodesain inhibitor, with a K <sub>i</sub> of 0.51 nM. SPR7 shows antiparasitic activity against <i>T. b. brucei</i> , with an EC <sub>50</sub> of 1.65 μM <sup>[1]</sup> .
IC <sub>50</sub> & Target	K <sub>i</sub> : 0.51 ± 0.36 nM (Rhodesain) <sup>[1]</sup>

## REFERENCES

[1]. Santo Previti, et al. Development of Urea-Bond-Containing Michael Acceptors as Antitrypanosomal Agents Targeting Rhodesain. ACS Med. Chem. Lett. 2022

**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