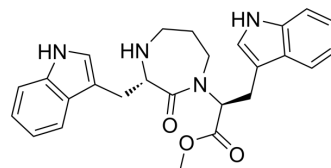


## PEX5-PEX14 PPI-IN-1

Cat. No.:	HY-155530
Molecular Formula:	C <sub>26</sub> H <sub>28</sub> N <sub>4</sub> O <sub>3</sub>
Molecular Weight:	444.53
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

PEX5-PEX14 PPI-IN-1 (Compound 8) is a PEX14-PEX5 PPI inhibitor. PEX5-PEX14 PPI-IN-1 disrupts the PEX5-TbPEX14 PPI with a  $K_i$  of 53  $\mu$ M. PEX5-PEX14 PPI-IN-1 inhibits the bloodstream form of *T. b. brucei* ( $EC_{50}$ : 5  $\mu$ M)<sup>[1]</sup>.

### REFERENCES

[1]. Marciniak M, et al. Development of novel PEX5-PEX14 protein-protein interaction (PPI) inhibitors based on an oxopiperazine template. *Eur J Med Chem.* 2023 Oct 5;258:115587.

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

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