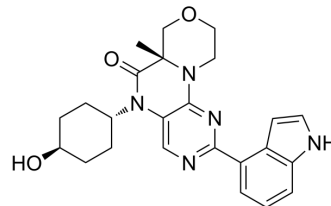


## mTOR inhibitor-14

Cat. No.:	HY-155376
Molecular Formula:	C <sub>24</sub> H <sub>27</sub> N <sub>5</sub> O <sub>3</sub>
Molecular Weight:	433.5
Target:	mTOR
Pathway:	PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

mTOR inhibitor-14 (compound 14c) is a potent mTOR inhibitor. mTOR inhibitor-14 also shows minimal CYP2C8 inhibition. mTOR inhibitor-14 can inhibit tumor growth<sup>[1]</sup>.

### REFERENCES

[1]. Sean T. Murphy, et al. Optimization of mTOR Inhibitors Using Property-Based Drug Design and Free-Wilson Analysis for Improved In Vivo Efficacy. ACS Med. Chem. Lett. 2023.

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

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