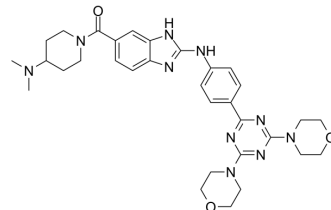


## PI3K/mTOR Inhibitor-5

Cat. No.:	HY-146016
CAS No.:	2456295-60-4
Molecular Formula:	C <sub>32</sub> H <sub>40</sub> N <sub>10</sub> O <sub>3</sub>
Molecular Weight:	612.73
Target:	PI3K; mTOR
Pathway:	PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	PI3K/mTOR Inhibitor-5 (compound 19a) is a potent and dual PI3K and mTOR inhibitor, with IC <sub>50</sub> values of 86.9 nM and 14.6 nM, respectively <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 86.9 nM (PI3K), 14.6 nM (mTOR) <sup>[1]</sup>

### REFERENCES

[1]. Wu TT, Guo QQ, Chen ZL, et al. Design, synthesis and bioevaluation of novel substituted triazines as potential dual PI3K/mTOR inhibitors. *Eur J Med Chem.* 2020;204:112637.

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

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