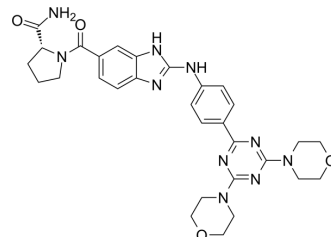


## PI3K/mTOR Inhibitor-6

Cat. No.:	HY-147613
CAS No.:	2456295-59-1
Molecular Formula:	C <sub>30</sub> H <sub>34</sub> N <sub>10</sub> O <sub>4</sub>
Molecular Weight:	598.66
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-6 (Compound 19c) is a potent and dual inhibitor of PI3K/mTOR. PI3K/mTOR Inhibitor-6 displays better stability in artificial gastric fluids than gedatolisib. PI3K/mTOR Inhibitor-6 significantly suppresses the PI3K/Akt/mTOR signaling pathway at 10  $\mu$ M. PI3K/mTOR Inhibitor-6 has the potential for the research of cancer diseases<sup>[1]</sup>.

### REFERENCES

[1]. Wang L, et al. Design, synthesis and bioevaluation of novel substituted triazines as potential dual PI3K/mTOR inhibitors. *Eur J Med Chem.* 2020 Oct 15;204:112637

**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