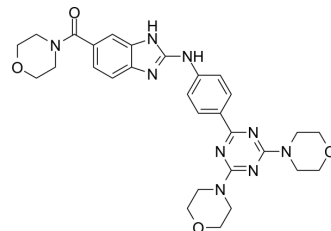


PI3K/mTOR Inhibitor-7

Cat. No.:	HY-147614
CAS No.:	2456295-65-9
Molecular Formula:	C ₂₉ H ₃₃ N ₉ O ₄
Molecular Weight:	571.63
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-7 (Compound 19i) is a potent and dual inhibitor of PI3K/mTOR. PI3K/mTOR Inhibitor-7 shows 4.7-fold higher potency than the positive control gedatolisib (0.3 vs. 1.4 μ M, IC₅₀ values). PI3K/mTOR Inhibitor-7 significantly suppresses the PI3K/Akt/mTOR signaling pathway at 10 μ M. PI3K/mTOR Inhibitor-7 has the potential for the research of cancer diseases^[1].

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.

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