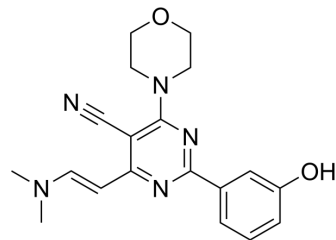


WJD008

Cat. No.:	HY-116191
CAS No.:	1309087-83-9
Molecular Formula:	C ₁₉ H ₂₁ N ₅ O ₂
Molecular Weight:	351.4
Target:	PI3K; mTOR
Pathway:	PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

WJD008 is a potent dual phosphatidylinositol 3-kinase (PI3K)/mammalian target of rapamycin (mTOR) inhibitor with antiproliferative and anticlonogenic activity in tumor cells and transformed cells with PIK3CA mutant. WJD008 inhibits kinase activity of PI3K α and mTOR and abrogates insulin-like growth factor-I-activated PI3K-Akt-mTOR signaling cascade. WJD008 is promising for research of cancers^[1].

REFERENCES

[1]. Li T, et al. WJD008, a dual phosphatidylinositol 3-kinase (PI3K)/mammalian target of rapamycin inhibitor, prevents PI3K signaling and inhibits the proliferation of transformed cells with oncogenic PI3K mutant. *J Pharmacol Exp Ther.* 2010 Sep 1;334(3):830-8.

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

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