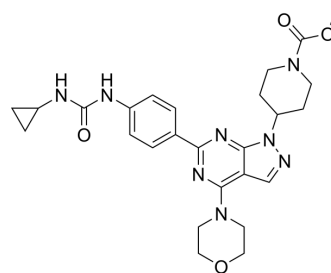


mTOR inhibitor WYE-23

Cat. No.:	HY-118712
CAS No.:	1062169-46-3
Molecular Formula:	C ₂₆ H ₃₂ N ₈ O ₄
Molecular Weight:	520.58
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 WYE-23 is a mTOR inhibitor, and IC₅₀ is 0.45 nM. It is selective to PI3K α and IC₅₀ is 661 nM. mTOR inhibitor WYE-23 has antitumor activity^{[1][2]}.

REFERENCES

[1]. Zask A, et al. ATP-competitive inhibitors of the mammalian target of rapamycin: design and synthesis of highly potent and selective pyrazolopyrimidines. *J Med Chem.* 2009 Aug 27;52(16):5013-6.

[2]. Nikola P. Pavletich et al. mTOR CRYSTALS AND MODULATORS. WO2014176281A1.2014-10-30.

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

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