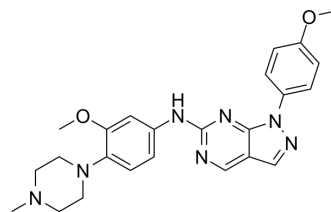


STK33-IN-1

Cat. No.:	HY-13497
CAS No.:	1404437-49-5
Molecular Formula:	C ₂₄ H ₂₇ N ₇ O ₂
Molecular Weight:	445.52
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	STK33-IN-1 (compound 1) is a STK33 inhibitor, with an IC ₅₀ of 7 nM ^[1] .
IC ₅₀ & Target	IC ₅₀ : 7 nM (STK33) ^[1] .
In Vitro	STK33-IN-1 (compound 1) is 2-fold selective for Aurora-B (AurB) versus STK33. STK33-IN-1 (compound 1) has proven unsuccessful in selectively killing KRAS-dependent cancer cell lines ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Michel Weiwler, et al. A Potent and Selective Quinoxalinone-Based STK33 Inhibitor Does Not Show Synthetic Lethality in KRAS-Dependent Cells. ACS Med Chem Lett. 2012 Dec 13;3(12):1034-1038.

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

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