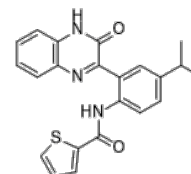


Product Name : ML281
Cat. No. : PC-22384
CAS No. : 1404437-62-2
Molecular Formula : C₂₂H₁₉N₃O₂S
Molecular Weight : 389.47
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

ML281 is a potent, selective inhibitor of serine/threonine kinase STK33 with IC₅₀ of 14 nM, >500-fold selective over PKA and AurB.

ML281 also displays clean selectivity against a panel of 83 kinases chosen for diversity and toxicity.

ML281 does not appear to significantly alter viability at 10 uM for KRAS-dependent (NOMO-1 and SKM-1) and KRAS-independent (THP-1 and U937) AML-derived cell lines.

References

Weiwer M, et al. ACS Med Chem Lett. 2012 Dec 13;3(12):1034-1038.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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