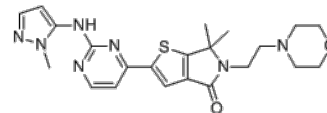


Product Name : LY-3214996
Cat. No. : PC-61973
CAS No. : 1951483-29-6
Molecular Formula : C₂₂H₂₇N₇O₂S
Molecular Weight : 453.56
Target : ERK
Solubility :



Biological Activity

LY-3214996 is a novel potent, selective, orally active **ERK1/2** inhibitor with IC₅₀ of 5 nM for both enzymes in biochemical assays; potently inhibits cellular phospho-RSK1 in BRAF and RAS mutant cancer cell lines; demonstrates inhibition of cell proliferation, general sensitivity against tumor cells with MAPK pathway alterations including BRAF, NRAS or KRAS mutation; significantly inhibits tumor growth in vivo and is well tolerated in BRAF or NRAS mutant melanoma, BRAF or KRAS mutant colorectal, lung and pancreatic cancer xenografts or PDX models.

Blood Cancer

Phase 1 Clinical

References

Shripad V. Bhagwat, et al. **AACR** Abstract 4973.

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

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