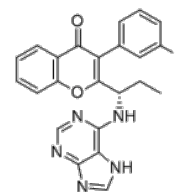


Product Name : Tenalisib
Cat. No. : PC-60567
CAS No. : 1639417-53-0
Molecular Formula : C₂₃H₁₈FN₅O₂
Molecular Weight : 415.43
Target : PI3K
Solubility : 10 mM in DMSO



Biological Activity

Tenalisib (RP-6530) is a potent, selective, orally active **p110δ/γ PI3K** dual inhibitor with IC₅₀ of 24.5 and 33.2 nM, respectively.

Tenalisib (RP-6530) displays good selectivity over p110α (>300-fold) and p110β (>100-fold) isoforms.

Tenalisib (RP-6530) inhibits LPS induced CD19+ cell proliferation in human whole blood with EC₅₀ of 250 nM, and LPS induced CD45R+ cell proliferation in mouse whole blood with EC₅₀ of 101 nM.

Tenalisib (RP-6530) shows the potential for treatment of cancer and inflammation diseases.

References

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

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