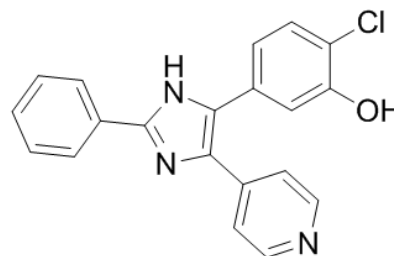


Product Name : L-779450
Cat. No. : PC-43208
CAS No. : 303727-31-3
Molecular Formula : C₂₀H₁₄ClN₃O
Molecular Weight : 347.7977
Target : Raf
Solubility : DMSO: ≥ 34 mg/mL



Biological Activity

L-779450 is a potent, ATP-competitive Raf kinase inhibitor with IC₅₀ of 10 nM, displays >7, >30 and >70-fold selectivity over p38α, GSK3β and Lck respectively; suppresses DNA synthesis and induced apoptosis in hematopoietic FDC-P1 cells transformed to grow in response to either Raf-1 or A-Raf, L-779,450 is less effective on B-Raf- or MEK1-responsive cells, also suppresses DNA synthesis and induces apoptosis in Raf-responsive cells and the effects are more significant on Raf-responsive compared to cytokine-mediated growth.

References

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McKay MM, et al. Curr Biol. 2011 Apr 12;21(7):563-8.
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Caution: Product has not been fully validated for medical applications. Lab Use Only!

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