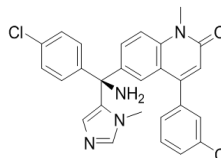


Data Sheet

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Product Name	:Tipifarnib S enantiomer
Cat.No.	:URK-V592
CAS No.	:192185-71-0
Molecular Formula	:C ₂₇ H ₂₂ Cl ₂ N ₄ O
Molecular Weight	:489.3958
Target	:Farnesyl transferase (FTase)
Solubility	:10 mM in DMSO



Biological Activity

Tipifarnib S enantiomer is a potent and selective inhibitor of FTase (farnesyltransferase); inhibits the farnesylation of lamin B and K-RasB peptide substrates with IC₅₀s of 0.86 nM and 7.9 nM, respectively; no activity for PGGT1(IC₅₀>50 μM); shows sensitivity for tumor cell lines bearing H-ras or N-ras mutations; inhibits the growth of tumors bearing mice and orally bioavailable.

Blood Cancer

Phase 3 Clinical

References

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Kelland LR, et al. Clin Cancer Res. 2001 Nov;7(11):3544-50.

Beaupre DM, et al. Mol Cancer Ther. 2004 Feb;3(2):179-86.

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

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