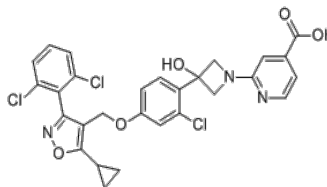


Data Sheet

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Product Name : Tipifarnib
Cat.No. : URK-V593
CAS No. : 192185-72-1
Molecular Formula : $C_{27}H_{22}Cl_2N_4O$
Molecular Weight : 489.398
Target : Farnesy transferase(Ftase)
Solubility : 10 mM in DMSO



Biological Activity

Tipifarnib ((IND 58359, R115777) 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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