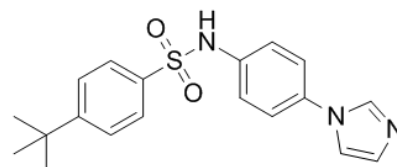


Product Name : ISCK03
Cat. No. : PC-42389
CAS No. : 945526-43-2
Molecular Formula : C₁₉H₂₁N₃O₂S
Molecular Weight : 355.45394
Target : c-Kit
Solubility : DMSO: ≥ 38 mg/mL



Biological Activity

A specific c-Kit inhibitor that inhibits c-kit phosphorylation in vitro and SCF-induced c-kit phosphorylation in human melanoma cells; also inhibits p44/42 ERK mitogen-activated protein kinase (MAPK) phosphorylation, does not inhibit HGF-induced phosphorylation of p44/42 ERK proteins; induces the dose-dependent depigmentation of newly regrown hair, promotes the depigmentation of UV-induced hyperpigmented spots in vivo; orally active.

References

- Na YJ, et al. *Biochem Pharmacol.* 2007 Sep 1;74(5):780-6.
Kamlah F, et al. *Int J Radiat Oncol Biol Phys.* 2011 Aug 1;80(5):1541-9.
Hirano T, et al. *Mol Cancer.* 2015 Apr 19;14:90.

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

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