

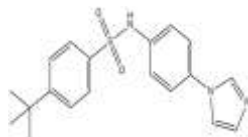
PRODUCT: ISCK03

ALTERNATE NAME: 4-(1,1-dimethylethyl)-N-[4-(1H-imidazol-1-yl)phenyl]-benzenesulfonamide

CATALOG #: B2274-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₉H₂₁N₃O₂S

MOLECULAR WEIGHT: 355.5

CAS NUMBER: 945526-43-2

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO

PURITY: ≥98% by HPLC

STORAGE: Store at -20°C. Protect from air and light

DESCRIPTION: ISCK03 is a cell-permeable Stem-Cell Factor/c-Kit Inhibitor that inhibits c-kit activity (IC₅₀ <2.5 μM in cell-free kinase assays) and blocks SCF-induced c-kit and Erk phosphorylation (1 μM causes >90% inhibition) without any effect on HGF-induced Erk phosphorylation in 501mel melanoma cells.

REFERENCES: Na, Y.J., *et al.* (2007). *Biochem. Pharmacol.* **74**, 780-786.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

AAL-993 (**2740**)
Amuvatinib (**9458**)
KRN-663 (**2839**)
Masitinib (**2007**)
Tandutinib (**2024**)
Telatinib (**B2054**)
Tivozanib (**B1545**)
Toceranib (**B1542**)
Vatalanib dihydrochloride (**2025**)
Vatalanib, free base (**2026**)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**