

Product Information

p38-MAPK inhibitor TA-01, Purity ≥98%

Cat. No.: X23-10-ZQ913

Size: 5 mg; 10 mg; 25 mg; 50 mg; 100 mg

MDL: MFCD30182287

CAS Number: 1784751-18-3

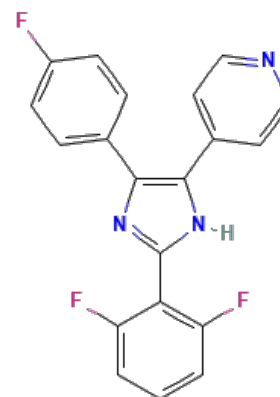
Compound CID: 91691129

Synonym: TA-01; 1784751-18-3; TA 01;

4-[2-(2,6-Difluorophenyl)-4-(4-fluorophenyl)-1*H*-imidazol-5-yl]pyridine; TA01;

4-(2-(2,6-Difluorophenyl)-4-(4-fluorophenyl)-1*H*-imidazol-5-yl)pyridine; p38-MAPK inhibitor

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	TA-01 targets the ATP-binding site of the kinase, thereby preventing phosphorylation of downstream substrates.
Molecular Weight	351.32
Molecular Formula	C ₂₀ H ₁₂ F ₃ N ₃
IUPAC Name	4-[2-(2,6-Difluorophenyl)-4-(4-fluorophenyl)-1 <i>H</i> -imidazol-5-yl]pyridine
InChI	InChI=1S/C20H12F3N3/c21-14-6-4-12(5-7-14)18-19(13-8-10-24-11-9-13)26-20(25-18)17-15(22)2-1-3-16(17)23/h1-11H,(H,25,26)
InChI Key	TWPJJJZCYVFUOA-UHFFFAOYSA-N
Canonical SMILES	C1=CC(=C(C(=C1)F)C2=NC(=C(N2)C3=CC=NC=C3)C4=CC=C(C(=C4)F)F
Form	Lyophilized powder
Purity	≥98%
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	TA-01 is utilized for research on the effects of kinase inhibition in the context of Alzheimer's disease and other neurodegenerative disorders.
Storage	Store at -20°C.