



TA-02

Cat. No.:	OB0225LY-0290
Appearance:	Solid
Purity:	≥99%
Identity:	Confirmed by NMR and LC-MS.
Size:	5 mg; 10 mg; 25 mg; 50 mg; 100 mg; 500 mg

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

Product Overview

Description	TA-02 is a biologically active compound with specific cytostatic effects.
Synonym	1784751-19-4; TA 02; TA02; 4-[2-(2-Fluorophenyl)-4-(4-fluorophenyl)-1H-imidazol-5-yl]pyridine; 4-(2-(2-Fluorophenyl)-4-(4-fluorophenyl)-1H-imidazol-5-yl)pyridine
CAS No.	1784751-19-4
Compound CID	91691130
Formula	C ₂₀ H ₁₃ F ₂ N ₃
Formula Weight	333.33

Specification

Relative Density	1.289 g/cm ³
IUPAC Name	4-[2-(2-Fluorophenyl)-4-(4-fluorophenyl)-1H-imidazol-5-yl]pyridine
InChI	InChI=1S/C20H13F2N3/c21-15-7-5-13(6-8-15)18-19(14-9-11-23-12-10-14)25-20(24-18)16-3-1-2-4-17(16)22/h1-12H,(H,24,25)
InChI Key	QIFJOFNVIVQRNJ-UHFFFAOYSA-N
SMILES string	C1=CC=C(C(=C1)C2=NC(=C(N2)C3=CC=NC=C3)C4=CC=C(C=C4)F)F
Stability	3 years in powder form.
Storage	Storage at -20°C.
Applications	TA-02 can be used for cell migration studies or play an important role in tumor microenvironment analysis.

Library Information



Targets	Kinases
Receptors	p38 MAPK
Pathways	MAPK; Autophagy
Plate Number	AOCL-4
Plate Location	f9
Empty Location	a1-h1; a12-h12
Container	96-well plate
Formulation	10 mM DMSO
DMSO Max Solubility	50 mg/mL; 150 mM