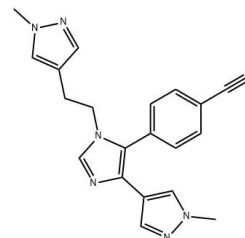


Technical Data Sheet

4-[4-(1-methyl-1H-pyrazol-4-yl)-1-[2-(1-methyl-1H-pyrazol-4-yl)ethyl]-1H-imidazol-5-yl]-benzonitrile

Compound Information

Product Name:	4-[4-(1-methyl-1H-pyrazol-4-yl)-1-[2-(1-methyl-1H-pyrazol-4-yl)ethyl]-1H-imidazol-5-yl]-benzonitrile
CAS No.:	1665195-94-7
Molecular Formula:	C ₂₀ H ₁₉ N ₇
Molecular Weight:	357.41
Storage:	Store at -20°C
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
IUPAC Name	4-[4-(1-Methyl-1H-pyrazol-4-yl)-1-[2-(1-methyl-1H-pyrazol-4-yl)ethyl]-1H-imidazol-5-yl]benzonitrile
Appearance	Pale yellow solid
Solubility	DMSO:18.58(Max Conc. mg/mL);51.99(Max Conc. mM) DMF:20.0(Max Conc. mg/mL);55.96(Max Conc. mM) DMF:PBS (pH 7.2) (1:1):0.5(Max Conc. mg/mL);1.4(Max Conc. mM) Ethanol:13.37(Max Conc. mg/mL);37.41(Max Conc. mM)
TLC	R _f = 0.4 (Dichloromethane:Methanol [9:1])
HPLC	Shows 99.4% purity
Microanalysis Carbon	Theoretical 66.37
Microanalysis Hydrogen	Theoretical 5.43
Microanalysis Nitrogen	Theoretical 27.09

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