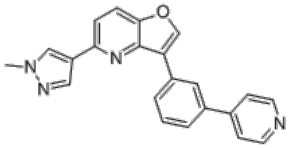
Product Name	:	MU1210
Synonyms	:	MU-1210;MU 1210
Cat No.	:	M13620
CAS Number	:	2275601-87-9
Molecular Formula	:	C22H16N4O
Formula Weight	:	352.40
Chemical Name	:	5-(1-methyl-1H-pyrazol-4-yl)-3-(3-(pyridin-4-yl)phenyl)furo[3,2-b]pyridine
Description	:	MU1210 (MU-1210) is a potent and highly selective inhibitor of cdc-like kinases (CLKs) with IC50 of 51 nM (cellular BRET for CLK1); profoundly affected the Mdm4 alternative splicing and showed high activity in cytotoxicity assays using MCF7 breast cancer cells; MU1210 has favorable pharmacokinetics (mouse, 10 mpk, IP: Cmax =1.24 mm, T1/2 = 58 min; no acute toxicity observed), suggesting its potential use in in vivo models; MU1210 is a quality probe for CLK1, CLK2, and CLK4.
Pathway	:	Cell Cycle/DNA Damage
Target	:	CLK
Receptor	:	CLK
Solubility	:	——
SMILES	:	——
Storage	:	(-20℃)
Stability	:	≥ 2 years
Reference	:	



1. Němec V, et al. Angew Chem Int Ed Engl. 2019 Jan 21;58(4):1062-1066.