

Product Name	: CHMFL-BMX-078
Synonyms	: CHMFL-BMX-078; CHMFL-BMX 078; CHMFL BMX 078; CHMFLBMX078
Cat No.	: M12769
CAS Number	: 1808288-51-8
Molecular Formula	: C33H35N7O6
Formula Weight	: 625.69
Chemical Name	: 2-((3-Acrylamido-4-methylphenyl)amino)-N-(2-methyl-5-(3,4,5-trimethoxybenzamido)phenyl)-4-(methylamino)pyrimidine-5-carboxamide
Description	CHMFL-BMX-078 is a highly selective, potent, type II irreversible BMX kinase inhibitor with IC₅₀ of 11 nM; displays a high selectivity profile (S score(1) = 0.01) against the 468 kinases/mutants in the KINOMEScan evaluation and achieved at least 40-fold selectivity over BTK kinase; CHMFL-BMX-078 is a useful pharmacological tool to elucidate the detailed mechanism of BMX mediated signaling pathways.
Pathway	: Tyrosine Kinase
Target	: BMX Kinase
Receptor	: Bmx
Solubility	: DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
SMILES	: <chem>O=C(C1=CN=C(NC2=CC=C(C)C(NC(C=C)O)=C2)N=C1NC)NC3=CC(NC(C4=CC(OC)=C(OC)C(OC)=C4)=O)=CC=C3C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Liang X, et al. J Med Chem. 2017 Mar 9;60(5):1793-1816.