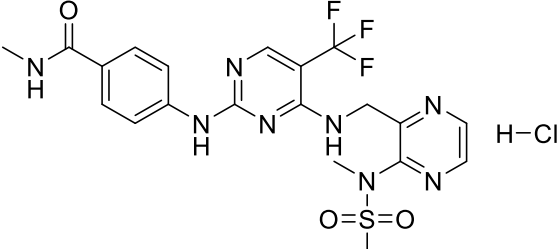




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
206742	Defactinib HCl	A8T08K02

Chemical name	
N-Methyl-4-((4-(((3-(methyl(methylsulfonyl)amino)pyrazin-2-yl)methyl)amino)-5-(trifluoromethyl)pyrimidin-2-yl)amino)benzamide monohydrochloride	
Synonyms	
Defactinib hydrochloride; Defactinib HCl; VS6063; VS 6063; VS-6063; PF04554878; PF-04554878; PF 04554878; PF4554878; PF-4554878; PF4554878	
Chemical structure	CAS# and Theoretical analysis
 <p>The chemical structure shows a central pyrazine ring substituted with a trifluoromethyl group, a methyl(methylsulfonyl)amino group, and a 4-((4-((methyl(methylsulfonyl)amino)pyrazin-2-yl)methyl)amino)benzamide group. The structure is shown as a monohydrochloride salt (H-Cl).</p>	MedKoo Cat#: 206742 Name: Defactinib HCl CAS#: 1073160-26-5 (HCl) Lot#: A8T08K02 Chemical Formula: C ₂₀ H ₂₂ ClF ₃ N ₈ O ₃ S Molecular Weight: 546.95

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>99.0%
Solubility	Soluble in DMSO
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE