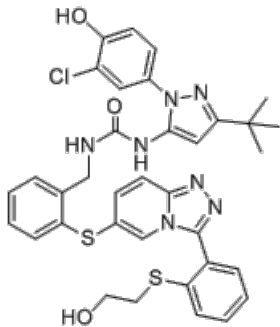


Product Name	: PF-03715455	
Synonyms	: PF03715455	
Cat No.	: M10256	
CAS Number	: 1056164-52-3	
Molecular Formula	: C35H34ClN7O3S2	
Formula Weight	: 700.27	
Chemical Name	1-(3-(tert-butyl)-1-(3-chloro-4-hydroxyphenyl)-1H-pyrazol-5-yl)-3-(2-((3-(2-((2-hydroxyethyl)thio)phenyl)-[1,2,4]triazolo[4,3-a]pyridin-6-yl)thio)benzyl)urea	
Description	PF-03715455 is a highly potent and selective inhibitor for p38 α MAPK with IC ₅₀ of 1.6 nM; shows efficacy and safety profiles as an inhaled agent for the treatment of COPD. COPD Phase 2 Discontinued	
Pathway	MAPK/ERK Signaling	
Target	p38 MAPK	
Receptor	p38 MAPK	
Solubility	—	
SMILES	<chem>CC(C)(C)C1=NN(C(=C1)NC(=O)NCC2=CC=CC=C2SC3=CN4C(=NN=C4C5=CC=CC=C5SCCO)C=C3)C6=CC(=C(C=C6)O)Cl</chem>	
Storage	(-20°C)	
Stability	≥ 2 years	
Reference		

1. Millan DS, et al. J Med Chem. 2011 Nov 24;54(22):7797-814. | 2. Singh D, et al. Eur J Clin Pharmacol. 2015 Oct;71(10):1175-84.