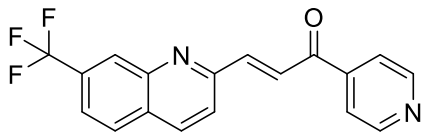




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
206166	PFK-158	C8R04B10

Chemical name	
(E)-1-(pyridin-4-yl)-3-(7-(trifluoromethyl)quinolin-2-yl)prop-2-en-1-one	
Synonyms	
PFK158; PFK 158; PFK158; ACTPEK158	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 206166 Name: PFK-158 CAS#: 1462249-75-7 Lot#: C8R04B10 Chemical Formula: C ₁₈ H ₁₁ F ₃ N ₂ O Exact Mass: 328.08235 Molecular Weight: 328.29

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