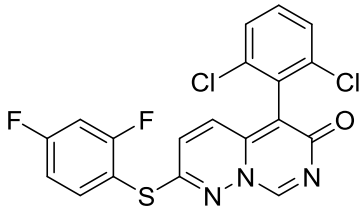




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
203163	Neflamapimod	A9T11K25

Chemical name	
5-(2,6-Dichlorophenyl)-2-(2,4-difluorophenylsulfanyl)-6H-pyrimido[3,4-b]pyridazin-6-one	
Synonyms	
VX-745; VX 745; VX745; VRT-031745, VRT 031745; VRT031745; VD-31745; VD 31745; VD31745; Neflamapimod.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 203163 Name: Neflamapimod CAS#: 209410-46-8 Lot#: A9T11K25 Chemical Formula: C ₁₉ H ₉ Cl ₂ F ₂ N ₃ OS Exact Mass: 434.98114 Molecular Weight: 436.26

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)	>98.0%
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