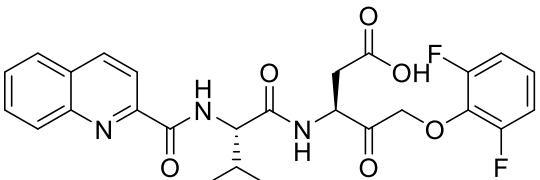




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
526845	QVD-OPH	YXM61024

Chemical name	
(3S)-5-(2,6-difluorophenoxy)-3-[[[(2S)-3-methyl-1-oxo-2-[(2-quinolinylcarbonyl)amino]butyl]amino]-4-oxo-pentanoic acid	
Synonyms	
QVD-OPH; Q-VD-OPH; Quinoline-Val-Asp-Difluorophenoxyethylketone. quinoline-val-asp(OMe)-CH ₂ -OPH.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 526845 Name: QVD-OPH CAS#: 1135695-98-5 Lot# YXM61024 Chemical Formula: C ₂₆ H ₂₅ F ₂ N ₃ O ₆ Exact Mass: 513.1711 Molecular Weight: 513.50

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)	>97.0%
Solubility	Soluble in DMSO, ethanol
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