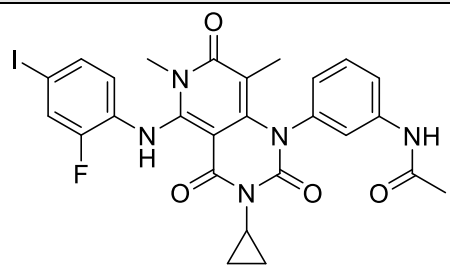


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
201458	Trametinib	SSC40227

Chemical name	
N-[3-[3-Cyclopropyl-5-[(2-fluoro-4-iodophenyl)amino]-3,4,6,7-tetrahydro-6,8-dimethyl-2,4,7-trioxopyrido[4,3-d]pyrimidin-1(2H)-yl]phenyl]acetamide.	
Synonyms	
GSK 1120212, GSK-1120212; JTP-74057; Trametinib.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 201458 Name: Trametinib CAS#: 871700-17-3 Lot#: SSC40227 Chemical Formula: C ₂₆ H ₂₃ FIN ₅ O ₄ Exact Mass: 615.07788 Molecular Weight: 615.39

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 DMF, 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