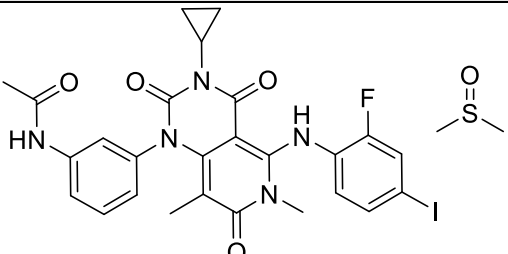




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
123211	Trametinib DMSO solvate	TZC60218

Chemical name	
N-(3-(3-cyclopropyl-5-((2-fluoro-4-iodophenyl)amino)-6,8-dimethyl-2,4,7-trioxo-3,4,6,7-tetrahydropyrido[4,3-d]pyrimidin-1(2H)-yl)phenyl)acetamide compound with (methylsulfinyl)methane (1:1)	
Synonyms	
Trametinib DMSO solvate, GSK-1120212 DMSO solvate; Trametinib; JTP-74057; JTP 74057; JTP74057; GSK-1120212; GSK1120212; GSK 1120212.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 123211 Name: Trametinib DMSO solvate CAS#: 1187431-43-1 Lot#: TZC60218 Chemical Formula: C ₂₈ H ₂₉ FIN ₅ O ₅ S Molecular Weight: 693.09

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
Self life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE