Certificate of Analysis

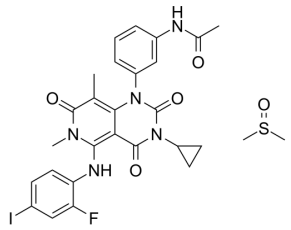
Trametinib (DMSO solvate)

Cat. No.:	HY-10999A
CAS No.:	1187431-43-1
Batch No.:	07379
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)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{28}H_{29}FIN_5O_5S$		
Molecular Weight:	693.53		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
LCMS:	Consistent with structure
Purity (LCMS):	99.77%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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