Certificate Of Analysis

NO:026-M77-TSX

Product Name	MK-677		
Molecular Formula	$C_{28}H_{40}N_4O_8S_2$	**Manufacturing**	2026/09/02
Molecular Weight	624.77	**Report Date**	2026/09/07
CAS No.	159752-10-0	**Re-test Date**	2028/09/02
Appearance	White to off-white powder	**Packing size**	1Kg/bag
Reference Standard	Enterprise Standard	**Storage conditions**	Store at -20°C in an airtight,light-resistant container
Sequence	N/A		

Tests	Specifications	Results
Appearance	White to off-white powder	Conforms
Solubility	Soluble in water and DMSO	Conforms
Identification (NMR)	Conforms to structure	Conforms
Purity (HPLC)	≥ 98.0%	99.3%
Loss on Drying	≤ 0.5%	0.21%
Residue on Ignition	≤ 0.1%	0.05%
Heavy Metals	≤ 10 ppm	< 10 ppm
Arsenic (As)	≤ 1 ppm	< 1 ppm

For research use only. Direct human application is prohibited.

Limit To Research And Submission Use
Not For Direct Human Application

Analyst: Warden Zhao **QC Director:** Melker Zhu **Checker :** Bowen Yang