

MOTS-c

CAS	1627580-64-6
Molecular formula	C101H152N28O22S2
Molecular weight	2174.6 g/mol
Appearance	White lyophilized powder
Container sizes on this lot	10 mg

Analytical results

TEST	METHOD	RESULT
Purity	Reverse-phase HPLC, 214 nm	99.5% (spec ≥ 98.0%)
Bacterial endotoxin	LAL (Limulus ameocyte lysate)	0.11 EU/mg (spec < 0.5 EU/mg)
Identity	Mass spectrometry	2173.73 g/mol obs. vs 2174.60 g/mol calc.
Appearance	Visual	White lyophilized powder

Storage & handling

Lyophilized: -20 C, desiccated, protected from light. Reconstituted: 2-8 C, use within 30 days.

Assayed: 2026-07-24

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Quality Assurance, PeptideSeed Laboratory Services