

MOTS-C 40mg

Lyophilised research compound | For in-vitro research use only

PRODUCT	BATCH	CAS NUMBER	MOL. WEIGHT
MOTS-C 40mg	UKLY-792	1627580-64-6	2174.5 g/mol
APPEARANCE	STORAGE	ANALYSIS DATE	REPORT DATE
White lyophilised powder	-20C, protected from light	19/06/2026	19/06/2026

ANALYTICAL RESULTS

TEST PARAMETER	RESULT	SPECIFICATION	STATUS
Identity	Confirmed - MOTS-C	Matches reference standard	PASS
Chromatographic Purity	99.04%	>=98.0%	PASS
Mass Spectrometry	[M+H] ⁺ at 2175.5 m/z	Matches MW 2174.5	PASS
Potency (total peptide)	104.3% of label claim (41.72 mg against 40 mg declared)	>=90.0% of label claim	PASS
Appearance	White lyophilised powder	White lyophilised powder	PASS

TECHNICAL REFERENCE

Compound	MOTS-C	Purity	99.04%
CAS	1627580-64-6	Identity	Confirmed - MOTS-C
Molecular Weight	2174.5 g/mol		
Sequence	Mitochondrial-derived 16-residue peptide MRWQEMGYIFYPRKLR		
Form	Lyophilised powder		

RESEARCH USE ONLY

This product is supplied strictly for in-vitro research and laboratory use only. It is not intended for human or veterinary administration and must not be ingested, applied to, or used within the body. Storage and handling are the responsibility of the end-user.