



AMINO PEPTIDES

5-Amino-1MQ

PRODUCT SPECIFICATION SHEET

Note: This document details the theoretical chemical properties and target specifications of this research compound. For batch-specific, independent laboratory test results, please refer to the independent Certificate of Analysis (C.O.A.) provided on our product page.

PRODUCT IDENTIFICATION

Product Name	5-Amino-1-methylquinolinium
CAS Number	685079-15-6
PubChem CID	950107
Molecular Formula	$C_{10}H_{11}N_2^+$
Molecular Weight	159.21 g/mol
Sequence	—
Synonyms	5-Amino-1MQ, 5-amino-1-methylquinolin-1-ium, 1-methylquinolin-1-ium-5-amine, 5-amino-1-methylquinolinium cation

PHYSICAL PROPERTIES

Form	Lyophilised powder
Appearance	Solid, White

SPECIFICATIONS

Target Purity (HPLC)	$\geq 98.0\%$
Expected Peptide Content	$\geq 80.0\%$

STORAGE & HANDLING

Storage (Lyophilised)	Store at -20°C or below. Protected from light and moisture.
Storage (Reconstituted)	Store at 2°C to 8°C for up to 20 days. Do not freeze once reconstituted.

Usage: For laboratory research and in-vitro use only. Not for human or veterinary use.