BY & LARGE PEPTIDES

SMALL-MOLECULE NNMT INHIBITOR · EXPERIMENTAL

5-Amino-1MQ 50mg

5-Amino-1-methylquinolinium · 50 vial



RESEARCH USE ONLY · NOT FOR HUMAN OR VETERINARY CONSUMPTION · NOT FOR SELF-ADMINISTRATION

5-Amino-1MQ is a small-molecule inhibitor of nicotinamide N-methyltransferase (NNMT), an enzyme expressed strongly in fat cells that regulates cellular energy metabolism.

PRICING · PER VIAL

Mix & match any vials — 2–4 −10%, 5+ −15%

RETAIL 1 VIAL	2–4 −10%	5+ −15%
R600	R540	R510

HOW IT WORKS

NNMT activity drains methyl donors and lowers NAD+ availability inside adipocytes. Inhibiting it restores NAD+ and shifts fat cells toward greater energy expenditure in research models.

RESEARCH CONTEXT

Published work is dominated by cell and animal studies; a widely cited study reported reduced fat mass and improved metabolic markers in diet-induced obese mice. Human data is essentially absent.

VIAL CONTENTS & HANDLING

- 50 5-Amino-1MQ
- Single lyophilised vial

Quality & sourcing. Sourced from established manufacturers who test using HPLC analysis. COA available on request — **ask us on WhatsApp ↗**

Storage: keep unopened lyophilised vials in a cool, dark place. Once reconstituted, store in the fridge at 2–8°C and use within 2 months.

RESEARCH REFERENCE DOSAGE

50 vial · 2ml water · 25mg/ml

LEVEL	AMOUNT	U100 UNITS	FREQUENCY
Beginner	1mg	**4 units**	1× daily · morning · subq
Intermediate	2mg	**8 units**	1× daily · morning · subq
Advanced	2mg	**8 units / admin**	2× daily · morning + evening · subq

Fixed 2ml · U100 device (1 unit = 0.01ml). Published research is largely animal-based and injectable dosing is investigational. Research reference only.

Dosing status: No approved dosing or established human schedule. Amounts below are research-reference levels only.

REFERENCES

- PubMed — NNMT inhibitor 5-amino-1MQ research