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MOTS-c Research Application Overview

MOTS-c is a mitochondrial-derived peptide investigated in controlled laboratory environments for its role in cellular metabolism, stress response pathways, and intracellular signaling mechanisms.

1. Compound Identification

MOTS-c is a mitochondrial-encoded peptide studied for metabolic signaling and cellular adaptation research.

2. Research Context

Studied in preclinical environments focusing on metabolic regulation, mitochondrial signaling, and stress response systems.

3. Mechanism of Interest

Research includes AMPK activation, metabolic stress response, and regulation of glucose and lipid pathways.

4. Laboratory Applications

Used in in vitro metabolic studies, peptide signaling research, and controlled laboratory models.

5. Regulatory Status

Not approved by FDA, EMA, or MHRA. Not intended for medical or therapeutic use.

6. Compliance & Use Restriction

Strictly for laboratory research use only. Human or veterinary use is prohibited.

Agreement to Use: By handling or purchasing this compound, the user agrees to comply with all applicable laws and research regulations.