

Hello Bio, Inc.
304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500
F. 609-228-4994

customercare-usa@m2stage.hellobio.com



DATASHEET

MOTS-c (human)

Product overview

Name	MOTS-c (human)
Cat No	HB4632
Purity	>95%
Description	Promotes AICAR and downstream (AMPK) biosynthesis

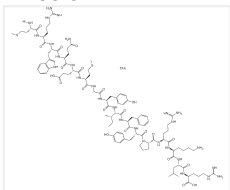
Biological Data

Biological description	Mitochondria-derived peptide (MDP). Promotes biosynthesis of the endogenous AMP analog AICAR and consequently AMP-activated protein kinase (AMPK). Induces cellular and systemic glucose uptake and improves insulin sensitivity. Shown to prevent diet-induced obesity (DIO) in mice. Potential anti-obesity and anti-aging compound.
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Solubility & Handling

Storage instructions	+4 °C
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Molecular Weight	2288.6
Chemical structure	
CAS Number	1627580-64-6
InChiKey	JLKDYZLVBJDJTO-DNWXONKHSA-N
Appearance	Solid lyophilized powder