



AMINO PEPTIDES

IGF-1 LR3

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	IGF-1 LR3
CAS Number	143045-27-6
PubChem CID	—
Molecular Formula	$C_{400}H_{619}N_{111}O_{115}S_9$
Molecular Weight	9111.70 g/mol
Sequence	MFPAMPLSSLFVNGPRTL CGAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGIVD ECCFRSCDLRRLEMYCAPLKPAKSA
Synonyms	Long R3 IGF-1, LR3 IGF-1, Insulin-like Growth Factor-I Long Arg3, Long Arg3 IGF-1

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.