LL-37 acetate

Catalog No.C02013 Batch:C0201303

Product Datasheet

Technical Data

Formula	$C_{207}H_{344}N_{60}O_{55}$		
Molecular Weight	4553.31	**CAS No.**	154947-66-7(free base)
Solubility (25°C)*	In vitro	Water	90 mg/mL (19.76 mM)
		Ethanol	90 mg/mL (19.76 mM)
		DMSO	Insoluble

* <1 mg/ml means slightly soluble or insoluble.
* Please note that Capsid Bio tests the solubility of all compounds in-house, and the actual solubility may differ slightly from published values. This is normal and is due to slight batch-to-batch variations.
* Room temperature shipping (Stability testing shows this product can be shipped at 2-8°C for storage purposes.)

Preparing Stock Solutions

Concentration \ Volume / Mass	1 mg	5 mg	10 mg
1 mM	0.2196 mL	1.0981 mL	2.1962 mL
5 mM	0.0439 mL	0.2196 mL	0.4392 mL
10 mM	0.0220 mL	0.1098 mL	0.2196 mL
50 mM	-	-	-

Biological Activity

Description	LL-37 acetate is a 37-residue, amphipathic, cathelicidin-derived peptide, which exhibits a broad spectrum of antimicrobial activity.

References

https://pubmed.ncbi.nlm.nih.gov/16716248/

RETURN POLICY

Capsid Bio's Unconditional Return Policy ensures a smooth online shopping experience for our customers. If you are in any way unsatisfied with your purchase, you may return any item(s) within 7 days of receiving it. In the event of product quality issues, either protocol related or product related problems, you may return any item(s) within 365 days from the original purchase date. Please follow the instructions below when returning products.

SHIPPING & STORAGE

Capsid Bio products are transported at room temperature. If you receive the product at room temperature, please rest assured, the Capsid Bio Quality Inspection Department has conducted experiments to verify that the normal temperature placement of one month will not affect the biological activity of powder products. After collecting, please store the product according to the requirements described in the datasheet. Most Capsid Bio products are stable under the recommended conditions.

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