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DATASHEET

LL-37 (18-37) (human)

Product overview

Name	LL-37 (18-37) (human)
Cat No	HB9560
Biological description	Postsecretory product of LL-37 (human) . Shows enhanced antibacterial and antifungal activity when compared to the full length antimicrobial peptide LL-37.
Biological action	Peptide
Purity	>95%
Description	Postsecretory product of LL-37 (human)

Solubility & Handling

Storage instructions	-20 °C
Solubility overview	Soluble in acidic buffer
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	2468.9
Molecular Formula	$C_{109}H_{190}N_{36}O_{29}$
Sequence (one letter)	KRIVQRIKDFLRNLPRTES
Sequence (three letter)	H-Lys-Arg-Ile-Val-Gln-Arg-Ile-Lys-Asp-Phe-Leu-Arg-Asn-Leu-Val-Pro-Arg-Thr-Glu-Ser-OH

References

Postsecretory processing generates multiple cathelicidins for enhanced topical antimicrobial defense

Murakami M *et al* (2004) J Immunol 172(5)

PubMedID [14978112](#)
