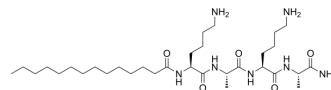


Myristoyl tetrapeptide-12

Cat. No.:	HY-W108953
CAS No.:	959610-24-3
Molecular Formula:	C ₃₂ H ₆₃ N ₇ O ₅
Molecular Weight:	625.89
Sequence:	{Myristoyl-Lys}-Ala-Lys-Ala-NH ₂
Sequence Shortening:	{Myr-Lys}AKA-NH ₂
Target:	TGF-beta/Smad
Pathway:	Stem Cell/Wnt; TGF-beta/Smad
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Myristoyl tetrapeptide-12 directly activates SMAD2 and induces the linking of SMAD3 with DNA. Myristoyl tetrapeptide-12 is capable of stimulating hair growth, especially at the level of eyelashes^{[1][2]}.

REFERENCES

- [1]. Haeyoung Kwon, et al. Smad-induced alterations of matrix metabolism by a myristoyl tetra peptide. Cell Biochem Funct. 2014 Dec;32(8):665-74.
- [2]. C. Diehl. Peptides in cosmeceuticals. ISSN 1727-5741 (Print), ISSN 2522-1035 (Online).

Caution: Product has not been fully validated for medical applications. For research use only.

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