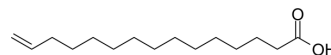


14-Pentadecenoic acid

Cat. No.:	HY-124279
CAS No.:	17351-34-7
Molecular Formula:	C ₁₅ H ₂₈ O ₂
Molecular Weight:	240.38
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

14-Pentadecenoic acid is a 15-carbon long-chain fatty acid that contains an olefin functional group on the terminal carbon of its fatty tail. 14-Pentadecenoic acid can be used as a fibrous scaffold biomaterial for tissue engineering applications, as well as a metal-forming side-chain polymer for constructing capillary columns in gas chromatography^{[1][2]}.

REFERENCES

[1]. Focarete ML, et al. Electrospun scaffolds of a polyhydroxyalkanoate consisting of omega-hydroxypentadecanoate repeat units: fabrication and in vitro biocompatibility studies. *J Biomater Sci Polym Ed.* 2010;21(10):1283-96.

[2]. Liu CY, et al. Synthesis and analytical properties of a novel columnar metallomesogenic polymer. *J Chromatogr A.* 1999 Nov 5;862(1):65-83.

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

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