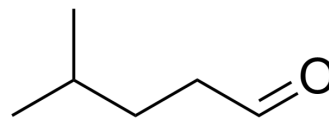


Isocaproaldehyde

Cat. No.:	HY-148614
CAS No.:	1119-16-0
Molecular Formula:	C ₆ H ₁₂ O
Molecular Weight:	100.16
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description Isocaproaldehyde is a product of side-chain cleavage of cholesterol. Isocaproaldehyde is an endogenous specific substrate of mouse vas deferens protein (MVDP)^{[1][2]}.

REFERENCES

[1]. Matsuura K, et al. Aldose reductase is a major reductase for isocaproaldehyde, a product of side-chain cleavage of cholesterol, in human and animal adrenal glands. Arch Biochem Biophys. 1996 Apr 15;328(2):265-71.

[2]. Lefrançois-Martinez AM, et al. Product of side-chain cleavage of cholesterol, isocaproaldehyde, is an endogenous specific substrate of mouse vas deferens protein, an aldose reductase-like protein in adrenocortical cells. J Biol Chem. 1999 Nov 12;274(46):32875-80.

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

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