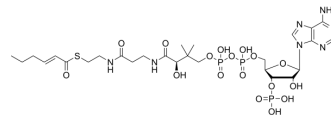


## (2E)-Hexenoyl-CoA

Cat. No.:	HY-W783829
CAS No.:	10018-93-6
Molecular Formula:	C <sub>27</sub> H <sub>44</sub> N <sub>7</sub> O <sub>17</sub> P <sub>3</sub> S
Molecular Weight:	863.66
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

(2E)-Hexenoyl-CoA (Hex-2-trans-enoyl-CoA) is an intermediate in fatty acid metabolism. (2E)-Hexenoyl-CoA is the substrate of the enzymes enoyl-coenzyme A reductase, acyl-CoA oxidase, acyl-CoA dehydrogenase, long-chain-acyl-CoA dehydrogenase and Oxidoreductases<sup>[1]</sup>.

### REFERENCES

[1]. Takeshi Miyazawa, et al. Identification of Middle Chain Fatty Acyl-CoA Ligase Responsible for the Biosynthesis of 2-Alkylmalonyl-CoAs for Polyketide Extender Unit. J Biol Chem. 2015 Nov 6;290(45):26994-27011.

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

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