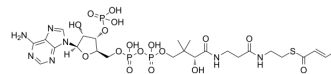


## Crotonyl-CoA

Cat. No.:	HY-141466
CAS No.:	992-67-6
Molecular Formula:	C <sub>25</sub> H <sub>40</sub> N <sub>7</sub> O <sub>17</sub> P <sub>3</sub> S
Molecular Weight:	835.61
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Crotonyl-CoA is an intermediate in the fermentation of butyric acid, and in the metabolism of lysine and tryptophan. Crotonyl-CoA is important in the metabolism of fatty acids and amino acids <sup>[1]</sup> .
IC <sub>50</sub> & Target	Human Endogenous Metabolite

### REFERENCES

[1]. Ray L, et al. A crotonyl-CoA reductase-carboxylase independent pathway for assembly of unusual alkylmalonyl-CoA polyketide synthase extender units. Nat Commun. 2016 Dec 21;7:13609.

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

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