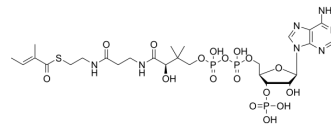


## Tigloyl-CoA

Cat. No.:	HY-E70243
CAS No.:	6247-62-7
Molecular Formula:	$C_{26}H_{42}N_7O_{17}P_3S$
Molecular Weight:	849.63
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Tigloyl-CoA (Tiglyl-coenzyme A) is an intermediate product of isoleucine metabolism. Tigloyl-CoA is an inhibitor of N-acetylglutamate synthetase <sup>[1]</sup> .
IC <sub>50</sub> & Target	N-acetylglutamate synthetase <sup>[1]</sup>

### REFERENCES

[1]. Coude FX, et al. Inhibition by propionyl-coenzyme A of N-acetylglutamate synthetase in rat liver mitochondria. A possible explanation for hyperammonemia in propionic and methylmalonic acidemia. J Clin Invest. 1979 Dec;64(6):1544-51.

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

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