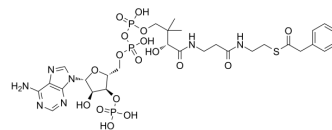


## Phenylacetyl CoA

Cat. No.:	HY-135024
CAS No.:	7532-39-0
Molecular Formula:	C <sub>29</sub> H <sub>42</sub> N <sub>7</sub> O <sub>17</sub> P <sub>3</sub> S
Molecular Weight:	885.67
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Phenylacetyl CoA is an acceptor oxidoreductase. Phenylacetyl CoA is a membrane-bound molybdenum-iron-sulfur enzyme involved in anaerobic metabolism of phenylalanine in the denitrifying bacterium *Thauera aromatica*<sup>[1]</sup>.

### REFERENCES

[1]. Rhee SK, et al. Phenylacetyl-CoA:acceptor oxidoreductase, a membrane-bound molybdenum-iron-sulfur enzyme involved in anaerobic metabolism of phenylalanine in the denitrifying bacterium *Thauera aromatica*. *Eur J Biochem.* 1999;262(2):507-515.

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

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