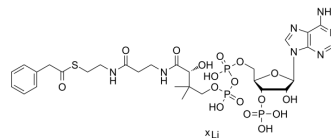


Phenylacetyl CoA lithium

Cat. No.:	HY-135024A
CAS No.:	108321-26-2
Molecular Formula:	C ₂₉ H ₄₂ N ₇ O ₁₇ P ₃ S.xLi
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 lithium (Phenylacetyl Coenzyme A lithium) 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*^[1].

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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