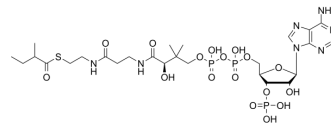


2-Methylbutyryl-CoA

Cat. No.:	HY-E70239
CAS No.:	6712-02-3
Molecular Formula:	C ₂₆ H ₄₄ N ₇ O ₁₇ P ₃ S
Molecular Weight:	851.65
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description 2-Methylbutyryl-CoA is an intermediate of isoleucine metabolism. 2-Methylbutyryl-CoA dehydrogenase deficiency is a genetic disorder caused by mutations in the HADH2 gene^[1].

REFERENCES

[1]. Goetzman ES, et al. Convergent evolution of a 2-methylbutyryl-CoA dehydrogenase from isovaleryl-CoA dehydrogenase in *Solanum tuberosum*. *J Biol Chem*. 2005 Feb 11;280(6):4873-9.

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

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