

3-Hydroxybutyrate dehydrogenase

Cat. No.:	HY-P2994	
CAS No.:	9028-38-0	
Target:	Endogenous Metabolite	
Pathway:	Metabolic Enzyme/Protease	3-Hydroxybutyrate dehydrogenase
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

BIOLOGICAL ACTIVITY

Description

3-Hydroxybutyrate dehydrogenase (3-HBDH) is a mitochondrial enzyme, is often used in biochemical studies. 3-hydroxybutyrate dehydrogenase is involved in the synthesis and degradation of ketone bodies and butanoate metabolism. 3-Hydroxybutyrate dehydrogenase catalyzes (R)-3-hydroxybutanoate converts into acetoacetate^[1].

REFERENCES

[1]. Watson HR, Lindsay DB. 3-hydroxybutyrate dehydrogenase in tissues from normal and ketonaemic sheep. *Biochem J.* 1972 Jun;128(1):53-7.

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

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