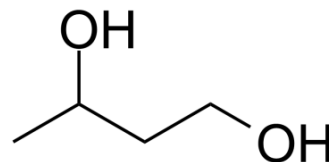


1,3-Butanediol

Cat. No.:	HY-77490A
CAS No.:	107-88-0
Molecular Formula:	C ₄ H ₁₀ O ₂
Molecular Weight:	90.12
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

1,3-Butanediol, an ethanol dimer providing a source of calories for human nutrition. 1,3-Butanediol is converted in the body to β -hydroxybutyrate and has cerebral protective and hypoglycaemic effect^{[1][2]}.

REFERENCES

- [1]. C Marie, et al. Protective action of 1,3-butanediol in cerebral ischemia. A neurologic, histologic, and metabolic study. *J Cereb Blood Flow Metab.* 1987 Dec;7(6):794-800.
- [2]. R B Tobin, et al. Nutritional and metabolic studies in humans with 1,3-butanediol. *Fed Proc.* 1975 Nov;34(12):2171-6.

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

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