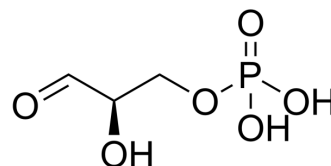


D-Glyceraldehyde 3-phosphate

Cat. No.:	HY-151223
CAS No.:	591-57-1
Molecular Formula:	C ₃ H ₇ O ₆ P
Molecular Weight:	170.06
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Solution, -20°C, 1 year



BIOLOGICAL ACTIVITY

Description	D-Glyceraldehyde 3-phosphate (Triose phosphate) is a common molecule in living organisms and is an important intermediate in glycolysis and gluconeogenesis, as well as a sugar product of the Calvin cycle. D-Glyceraldehyde 3-phosphate is involved in the biosynthesis of tryptophan and thiamin ^[1] .
IC ₅₀ & Target	Human Endogenous Metabolite

REFERENCES

[1]. Kopelovich L, et al. Kinetics of the inhibition of aspartate aminotransferase isozymes by DL-glyceraldehyde 3-phosphate. Eur J Biochem. 1971 Jun 11;20(3):351-62.

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

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