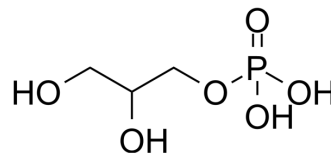


(Rac)-sn-Glycerol 3-phosphate

Cat. No.:	HY-113128C
CAS No.:	57-03-4
Molecular Formula:	C ₃ H ₉ O ₆ P
Molecular Weight:	172.07
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	(Rac)-sn-Glycerol 3-phosphate is an a-site substrate analogue. (Rac)-sn-Glycerol 3-phosphate is bound to the a-site, the rate of reaction of indole and nucleophilic indole analogues with E(A-A) is strongly inhibited ^[1] .
IC ₅₀ & Target	Human Endogenous Metabolite

REFERENCES

[1]. Dunn MF, et al. The tryptophan synthase bienzyme complex transfers indole between the alpha- and beta-sites via a 25-30 Å long tunnel. *Biochemistry*. 1990;29(37):8598-8607.

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

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