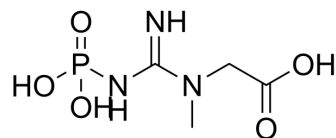


Phosphocreatine

Cat. No.:	HY-D0885
CAS No.:	67-07-2
Molecular Formula:	C ₄ H ₁₀ N ₃ O ₅ P
Molecular Weight:	211.11
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Phosphocreatine, primarily found in the skeletal muscles of vertebrates and one of organic compounds known as alpha amino acids and derivatives, is a substrate for the determination of creatine kinase and used to regenerate ATP during skeletal muscle contraction ^[1] .
IC ₅₀ & Target	Human Endogenous Metabolite

CUSTOMER VALIDATION

- Toxicol Appl Pharmacol. 9 March 2022, 115971.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Feldman EB, et al. Creatine: a dietary supplement and ergogenic aid. Nutr Rev. 1999 Feb;57(2):45-50.

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

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