



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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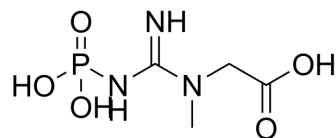
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## Phosphocreatine

Cat. No.:	HY-D0885
CAS No.:	67-07-2
Molecular Formula:	C <sub>4</sub> H <sub>10</sub> N <sub>3</sub> O <sub>5</sub> 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 <sup>[1]</sup> .
IC <sub>50</sub> & Target	Human Endogenous Metabolite

### CUSTOMER VALIDATION

- Toxicol Appl Pharmacol. 9 March 2022, 115971.

See more customer validations on [www.MedChemExpress.com](http://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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