



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

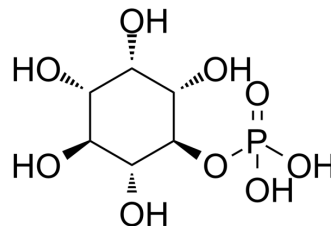
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## D-myo-Inositol 4-monophosphate

Cat. No.:	HY-W145699
CAS No.:	69256-52-6
Molecular Formula:	C <sub>6</sub> H <sub>13</sub> O <sub>9</sub> P
Molecular Weight:	260
Target:	Endogenous Metabolite; Biochemical Assay Reagents
Pathway:	Metabolic Enzyme/Protease; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	D-myo-Inositol 4-mono-phosphate, also known as IMP, is a phosphorylated form of inositol that is commonly found in various metabolic pathways, especially in the biosynthesis of phospholipids and cell signaling molecules. D-myo-Inositol 4-mono-phosphate has unique chemical properties that make it an important intermediate in the production of second messengers, such as inositol triphosphate (IP3) and diacylglycerol (DAG), which signal in cells plays a key role in. D-myo-Inositol 4-mono-phosphate is also used in dietary supplements and pharmaceuticals because of its potential health benefits, including improved insulin sensitivity and cognitive function.
<b>In Vitro</b>	D-myo-Inositol 4-mono-phosphate is a biochemical reagent that can be used as a biological material or organic compound for life science related research. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA