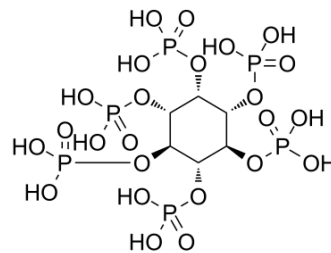


Phytic acid sodium salt

Cat. No.:	HY-N2581
CAS No.:	14306-25-3
Molecular Formula:	C ₆ H ₁₈ O ₂₄ P ₆ ·xNa
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the COA.



x Na

BIOLOGICAL ACTIVITY

Description

Phytic acid sodium salt (myo-Inositol; hexakis dihydrogen phosphate; Inositol hexaphosphat) is often present in legume seeds with antinutritional effects. Phytic acid sodium salt is a [PO₄]³⁻ storage depot and precursor for other **inositol phosphates** and **pyrophosphates**. phytic acid is hydrolyzed by phytases in a stepwise manner in the plant^[1].

IC₅₀ & Target

IC₅₀: precursor for inositol phosphates and pyrophosphates^[1]

REFERENCES

[1]. Shears SB, et al. Assessing the omnipotence of inositol hexakisphosphate. Cell Signal. 2001 Mar;13(3):151-8.

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

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