

Casein

Cat. No.:	HY-125865
CAS No.:	9000-71-9
Molecular Formula:	C ₈₁ H ₁₂₅ N ₂₂ O ₃₉ P
Molecular Weight:	2061.96
Target:	Casein Kinase; Endogenous Metabolite
Pathway:	Cell Cycle/DNA Damage; Stem Cell/Wnt; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Casein

BIOLOGICAL ACTIVITY

Description

Casein is a phosphoprotein that can be separated into various electrophoretic components, such as α_2 -Casein, κ -Casein, β -casein, and γ -casein. Casein has also been blended and grafted with other polymers, cross-linkers, or monomers to improve its functional properties, including mechanical properties, water resistance, thermal stability, and barrier properties. Casein has various applications in the paper, leather, textile, and food industries, serving as coatings, adhesives, and packaging materials^[1].

REFERENCES

[1]. Ghosh A, et al. Effect of cross-linking on microstructure and physical performance of casein protein. *Biomacromolecules*. 2009;10(7):1681-1688.

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

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