

## Casein

## Chemical Properties

CAS No. : 9000-71-9

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Casein is a milk protein with multiple roles in a novel drug delivery system that affects postprandial amino acid delivery in different ways through its intragastric coagulation properties.
Targets(IC50)	Casein Kinase,Endogenous Metabolite,Hydroxylase

## Solubility Information

Solubility	H2O: 2.5 mg/mL,Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Reference

Lalor R,et al. Bovine  $\kappa$ -Casein Fragment Induces Hypo-Responsive M2-Like Macrophage Phenotype. Nutrients. 2019 Jul 23;11(7):1688.

Rehan F, et al. Casein nanomicelle as an emerging biomaterial-A comprehensive review. Colloids Surf B Biointerfaces. 2019 Jul 1;179:280-292.

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