



Product Information

Casein agent, Alginate-PEG-casein, Purity $\geq 95\%$

Cat. No.: X25-04-YM1056

Size: 100 mg; 250 mg; 500 mg; 1 g; 5 g

Synonym: Casein-PEG-alginate

This product is for research use only and is not intended for diagnostic use.

Product Information

Description	Alginate-PEG-casein (casein-PEG-alginate) combines alginate's gelation with casein <i>via</i> PEG. Modifiable PEG (350–20k Da) enhances emulsification, extends half-life, and governs nutrient or drug release profiles.
Source	Chemical synthesis
Form	Solid or powder
Purity	$\geq 95\%$
Impurities	No visible impurities to the naked eye.
Solubility	This product is soluble in most organic solvents, such as DCM, DMF, DMSO, and THF, and exhibits excellent solubility in water.
Identity	Confirmed by NMR.
Stability	It is stable under its storage temperature.
Quality Level	Research level
Applications	Alginate-PEG-casein plays a key role in preserving insulin stability in glucose-oxidase coupled release systems.
Storage	Store at -20°C , protect from light and moisture.