

Tryptone

Cat. No.:	HY-W133898		
CAS No.:	73049-73-7		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Tryptone

SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 100 mg/mL (Need ultrasonic)
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BIOLOGICAL ACTIVITY

Description

Tryptone is a common component of biological media. Tryptone is the polypeptone derived from the protein hydrolysis of animal tissue (pancreas) and digested by pancreatic enzymes. The main components of Tryptone were the digestion of casein by trypsin, including the peptones, small peptides and amino acids generated from the hydrolysis of casein. Tryptone provides nutrients needed for bacterial growth, especially nitrogen and carbon sources.

REFERENCES

[1]. Liana AE, et al. T4 bacteriophage conjugated magnetic particles for E. coli capturing: Influence of bacteriophage loading, temperature and tryptone. *Colloids Surf B Biointerfaces*. 2017 Mar 1;151:47-57.

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

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