

λ-Carrageenan

Cat. No.:	HY-N9470
CAS No.:	9064-57-7
Target:	Others
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

λ-Carrageenan

SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 25 mg/mL (Need ultrasonic)
----------	---

BIOLOGICAL ACTIVITY

Description	λ-Carrageenan is a seaweed polysaccharide which has been generally used as proinflammatory agent in the basic research. λ-Carrageenan is a potent antitumor agent ^[1] .
In Vivo	λ-Carrageenan (50 mg/kg every two days; intratumoral injection) inhibits tumor growth in B16-F10 and 4T1 bearing mice ^[1] . λ-carrageenan exhibits considerable antitumor effect via intratumoral injection and significantly improves the tumor immune response with increased infiltrates of immunostimulating cells and increases production of proinflammatory cytokines ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Luo M, et al. Antitumor and Adjuvant Activity of λ-carrageenan by Stimulating Immune Response in Cancer Immunotherapy. Sci Rep. 2015;5:11062. Published 2015 Jun 22.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA