

Polydeoxyribonucleotide(Sodium salt)

Chemical Properties

CAS No.:	T8855
Formula:	N/A
Molecular Weight:	N/A
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Polydeoxyribonucleotide can improve secretion of various growth factors, promote collagen synthesis, and restore tensile strength of the Achilles tendon in a rat model with Achilles tendon injury.
In vivo	Polydeoxyribonucleotide can improve the tensile strength of the rats' Achilles tendon following injury and repair[1].

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Kang SH, Choi MS, Kim HK, et al. Polydeoxyribonucleotide improves tendon healing following achilles tendon injury in rats. J Orthop Res. 2018;36(6):1767-1776. doi:10.1002/jor.23796

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