

## Deoxyribonucleic acid sodium salt from salmon testes

## Chemical Properties

CAS No. :	438545-06-3
Formula:	
Molecular Weight:	
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	Deoxyribonucleic acid sodium salt from salmon testes (ssstDNA) is a DNA sodium salt derived from salmon testes. It is commonly used for surface modification of biomaterials to construct anti-fouling layers, passivate gold surfaces, and reduce non-specific adsorption, thereby improving the performance of sensors such as Surface plasmon resonance.
Targets(IC50)	Others

## Solubility Information

Solubility	H2O: 1.6 mg/mL, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Reference

Remigiusz K Trojanowicz, et al. DNA Antiadhesive Layer for Reusable Plasmonic Sensors: Nanostructure Pitch Effect. ACS Omega. 2022 Aug 30;7(36):31682-31690.

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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481