

Deoxyribonucleic acid

Chemical Properties

CAS No. : 9007-49-2

Formula:

Molecular Weight:

Storage: Keep away from direct sunlight
Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	Deoxyribonucleic acid (DNA) is a polymer formed by two polynucleotide chains winding into a double helix structure, with a backbone composed of alternating deoxyribose and phosphate groups. Deoxyribonucleic acid constitutes the fundamental component of chromosomes, serving as the molecular carrier of genetic information governing organismal development and function.
Targets(IC50)	DNA

Solubility Information

Solubility	H2O: 100 mg/mL, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Reference

WATSON JD, CRICK FH. Genetical implications of the structure of deoxyribonucleic acid. Nature. 1953 May 30;171(4361):964-7.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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