

## DNA-Spermidine

## Chemical Properties

CAS No. : 37217-88-2

Formula:

Molecular Weight:

Storage: 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	DNA-spermidine influences the activity of restricted endonuclease from several bacterial species.
Targets(IC50)	Others

## Reference

Carrasco IS, Bastos FM, Munford ML, Ramos EB, Rocha MS. Atomic Force Microscopy of spermidine-induced DNA condensates on silicon surfaces. Mater Sci Eng C Mater Biol Appl. 2012 Jan 1;32(1):36-9. doi: 10.1016/j.msec.2011.09.008. Epub 2011 Sep 21. PubMed PMID: 23177769.

Liu YH, Zhang J, Chen YB, Li YP, Hu L. [A fluoride-sensor for kink structure in DNA condensation process]. Guang Pu Xue Yu Guang Pu Fen Xi. 2014 Jan;34(1):157-61. Chinese. PubMed PMID: 24783552.

Lin Z, Wang C, Feng X, Liu M, Li J, Bai C. The observation of the local ordering characteristics of spermidine-condensed DNA: atomic force microscopy and polarizing microscopy studies. Nucleic Acids Res. 1998 Jul 1;26(13):3228-34. PubMed PMID: 9628923; PubMed Central PMCID: PMC147677.

Skuridin SG, Kadykov VA, Shashkov VS, Evdokimov IuM, Varshavskii IaM. [Formation of the compact form of DNA in solution after reaction with spermidine]. Mol Biol (Mosk). 1978 Mar-Apr;12(2):413-20. Russian. PubMed PMID: 349364.

**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