

Calf thymus DNA

Chemical Properties

CAS No. : 91080-16-9

Formula:

Molecular Weight:

Calf thymus DNA

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

Biological Description

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| Description | Calf thymus DNA (DNA from calf thymus, Thymonucleic acid) is a high-quality double-stranded template DNA extracted from the bovine thymus gland, widely used in studying DNA binding anticancer agents and DNA binding agents that regulate DNA structure and function. |
| Targets(IC50) | DNA/RNA Synthesis |

Solubility Information

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| Solubility | H2O: 18 mg/mL, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
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Reference

Liu F, et al. Cytotoxicity of Aconitum alkaloid and its interaction with calf thymus DNA by multi-spectroscopic techniques. Sci Rep. 2017;7(1):14509.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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