

MGB1Y

## Chemical Properties

CAS No. :

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	MGB1Y is a non-covalent DNA minor groove binder (MGB) that effectively inhibits cancer cell proliferation and topoisomerase I (topoisomerase I) activity. It downregulates breast cancer-related genes in MCF7 and MDA-MB-231 cells. MGB1Y demonstrates broad-spectrum anticancer activity, including against breast cancer, colon cancer, and leukemia.
Targets(IC50)	DNA Alkylator/Crosslinker,DNA/RNA Synthesis,Topoisomerase

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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

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