

# 5-(HYDROXYMETHYL)-2'-DEOXYCYTIDINE

ITEM NO. LSHB-OP-2000001154-1MG

## HUB PRODUCTS

### PRODUCT DATASHEET

For Research Use Only

#### DESCRIPTION:

Epigenetic base. A modified pyrimidine that is capable of producing interstrand cross-links in double-stranded DNA and has been used to quantify DNA hydroxymethylation levels in biological samples. Enriched in the brain, suggesting a role in epigenetic control of neuronal function. Used in epigenetic research and important for cancer research. Potent HIV-1 reverse transcriptase activity inhibitor. Can be used as building block in nucleoside and nucleotide chemistry.

#### SPECIFIC AGAINST:

Other

#### BACKGROUND:

##### TYP:

Chemicals

##### CATEGORY:

Reagents & Chemicals/Building Blocks & Intermediates/Nucleosides & Nucleotides

##### DETAILED - CATEGORY:

Biochemical Compounds

#### HOW TO HANDLE/USE THE PRODUCT:

##### STORAGE CONDITIONS:

Stable for 2 years after receipt when stored at -20°C.

##### STORAGE BUFFER:

Solid

##### SHIPPED ON DRY ICE:

No

