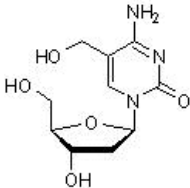


Product datasheet

5-(Hydroxymethyl)-2'-deoxycytidine, Modified pyrimidine ab145000

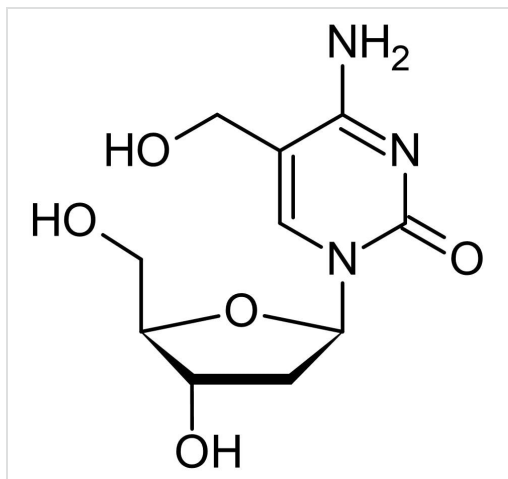
1 Image

Overview

Product name	5-(Hydroxymethyl)-2'-deoxycytidine, Modified pyrimidine
Description	Modified pyrimidine.
Biological description	Modified pyrimidine capable of producing interstrand cross-links in double-stranded DNA. Used to quantify DNA hydroxymethylation levels in biological samples.
CAS Number	7226-77-9
Chemical structure	

Properties

Chemical name	2'-Deoxy-5-(hydroxymethyl)cytidine
Molecular weight	257.24
Molecular formula	C ₁₀ H ₁₅ N ₃ O ₅
PubChem identifier	169016
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	C1[C@@H]([C@H](O[C@H]1N2C=C(C(=NC2=O)N)CO)CO)O
Source	Synthetic



Chemical Structure - 5-(Hydroxymethyl)-2'-deoxycytidine, Modified pyrimidine (ab145000)

2D chemical structure image of ab145000, 5-(Hydroxymethyl)-2'-deoxycytidine, Modified pyrimidine

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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Terms and conditions

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