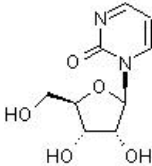


Product datasheet

Zebularine, DNA methyltransferase (DNMT) inhibitor ab141264

1 Image

Overview

Product name	Zebularine, DNA methyltransferase (DNMT) inhibitor
Description	DNA methyltransferase (DNMT) inhibitor
Biological description	DNA methyltransferase(DNMT) inhibitor and cytidine deaminase inhibitor ($K_i = 2 \mu\text{M}$). Inhibits tumour growth <i>in vitro</i> and <i>in vivo</i> .
Purity	> 99%
CAS Number	3690-10-6
Chemical structure	

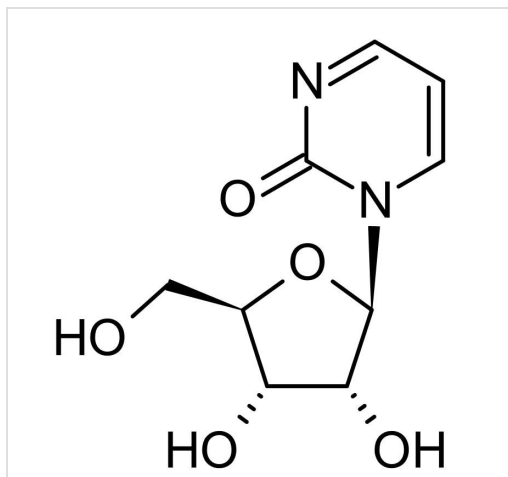
Properties

Chemical name	1-β-D-Ribofuranosyl-2(1 <i>H</i>)-pyrimidinone
Molecular weight	228.20
Molecular formula	$\text{C}_9\text{H}_{12}\text{N}_2\text{O}_5$
PubChem identifier	100016
Storage instructions	Store at +4°C. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 100 mM and in DMSO to 100 mM
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	<chem>C1=CN(C(=O)N=C1)C2C(C(C(O2)CO)O)O</chem>

Source

Synthetic

Images



2D chemical structure image of ab141264, Zebularine, DNA methyltransferase (DNMT) inhibitor

Chemical Structure - Zebularine, DNA methyltransferase (DNMT) inhibitor (ab141264)

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

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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