

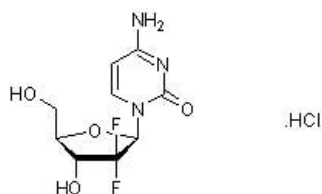
## Product datasheet

# Gemcitabine hydrochloride, Deoxycytidine analog ab141431

1 Image

### Overview

<b>Product name</b>	Gemcitabine hydrochloride, Deoxycytidine analog
<b>Description</b>	Potent, specific deoxycytidine analog
<b>Purity</b>	> 99%
<b>CAS Number</b>	122111-03-9
<b>Chemical structure</b>	

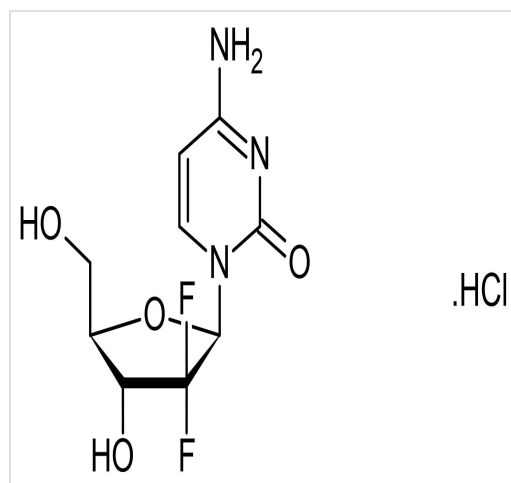


### Properties

<b>Chemical name</b>	2'-Deoxy-2',2'-difluorocytidine hydrochloride
<b>Molecular weight</b>	299.66
<b>Molecular formula</b>	C <sub>9</sub> H <sub>11</sub> F <sub>2</sub> N <sub>3</sub> O <sub>4</sub> .HCl
<b>PubChem identifier</b>	60749
<b>Storage instructions</b>	Store at -20°C. It is important to note that this product is reported to be light sensitive. Store In the Dark. Store under desiccating conditions.
<b>Solubility overview</b>	Soluble in water to 100 mM and in DMSO to 50 mM
<b>Handling</b>	<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>Toxic, refer to SDS for further information</p> <p>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>

**SMILES** C1=CN(C(=O)N=C1N)C2C(C(C(O2)CO)O)(F)F.Cl

## Images



2D chemical structure image of ab141431, Gemcitabine hydrochloride, Deoxycytidine analog

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

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