

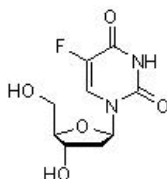
Product datasheet

# Floxuridine (5-Fluorodeoxyuridine), Antimetabolite antineoplastic agent ab142670

1 Image

Overview

<b>Product name</b>	Floxuridine (5-Fluorodeoxyuridine), Antimetabolite antineoplastic agent
<b>Description</b>	Prodrug. Antimetabolite antineoplastic agent.
<b>Biological description</b>	Prodrug. Antimetabolite antineoplastic agent. Shows more potent antineoplastic effects than analog, 5-Fluorouracil ( <a href="#">Asc 2387</a> ). Shows antitumor effects <i>in vivo</i> .
<b>Purity</b>	> 99%
<b>CAS Number</b>	50-91-9
<b>Chemical structure</b>	



Properties

<b>Chemical name</b>	2'-Deoxy-5-fluorouridine
<b>Molecular weight</b>	246.19
<b>Molecular formula</b>	C <sub>9</sub> H <sub>11</sub> FN <sub>2</sub> O <sub>5</sub>
<b>PubChem identifier</b>	5790
<b>Storage instructions</b>	Store at Room Temperature. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in water to 100 mM, in ethanol to 100 mM and in DMSO to 100 mM
<b>Handling</b>	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.  Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.

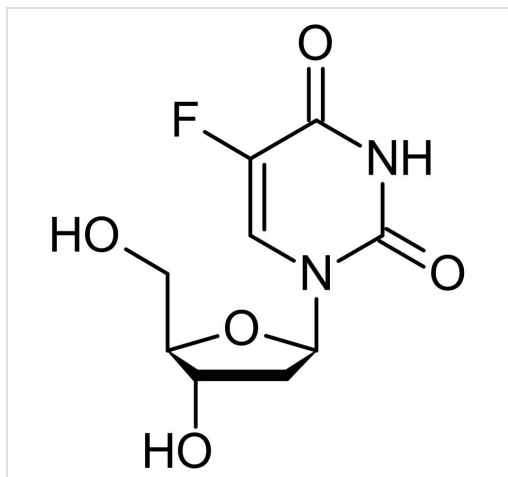
**SMILES** FC1=CN(C(=O)NC1=O)[C@H]2CC(O)[C@@H](CO)O2

Source

Synthetic

## Images

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Chemical Structure - Floxuridine (5-Fluorodeoxyuridine), Antimetabolite antineoplastic agent (ab142670)

2D chemical structure image of ab142670, Floxuridine (5-Fluorodeoxyuridine), Antimetabolite antineoplastic agent

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

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