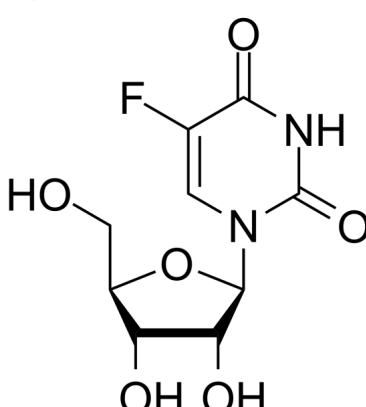


## Certificate of Analysis

Catalog Number	BP12966
Product Name	5-Fluorouridine

## Physical and Chemical Properties

CAS No.	316-46-1
Chemical Formula	C <sub>9</sub> H <sub>11</sub> FN <sub>2</sub> O <sub>6</sub>
Molecular Weight	262.19
Solubility	DMSO: 10 mM
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

## Product Information

Description	<p>5-fluorouridine is also known as FUr, 5-Fluorouracil 1-beta-D-ribofuranoside, 5-Fur, or 5-Fluoro-uridine. 5-fluorouridine is a solid. This compound belongs to the pyrimidine nucleosides and analogues. These are compounds comprising a pyrimidine base attached to a sugar. 5-fluorouridine is known to target uridine phosphorylase. FUr is often used in chemical and biochemical comparison studies with fluorouracil and thymine analogs.</p>
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## Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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