

Catalogue Number	Product	Order number / Unit
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2950 2'-Deoxy-L-uridine

2950.0010: 10 mg per vial
Please inquire for customized filling and bulk quantities.

Molar Mass: 228.07

$C_9H_{12}N_2O_5$

[31501-19-6]

Colourless solid packaged in dark glass screw cap vials.

Purity: > 95 %

Certificates:

CoA; 1H and ^{13}C NMR spectra

Chemical Name:

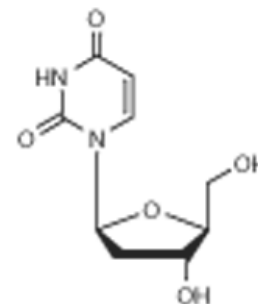
CA index name: 2,4(1H,3H)-Pyrimidinedione, 1-(2-deoxy- β -L-erythro-pentofuranosyl)

Synonyms:

1-(2'-Deoxy- β -L-erythro-pentofuranosyl)uracil; 2'-Deoxy-L-uridine; β -L-2'-deoxyuridine

Literature:

1. Spadari S. et al. L-Thymidine is phosphorylated by herpes simplex virus type 1 thymidine kinase and inhibits viral growth. *J. Med. Chem.* 1992, 35, 4214-4220.
2. Maga G. et al. Lack of stereospecificity of suid pseudorabies virus thymidine kinase. *Biochem. J.* 1993, 294, 381-385.
3. Kouni M.H. et al. Effects of modifications in the pentose moiety and conformational changes on the binding of nucleoside ligands to uridine phosphorylase from *Toxoplasma gondii*. *Biochem. Pharmacol.* 1996, 51, 1687-1700.
4. Verri A. et al. Lack of enantiospecificity of human 2'-deoxycytidine kinase: relevance for the activation of beta.-L-deoxycytidine analogs as antineoplastic and antiviral agents. *Mol. Pharmacol.* 1997, 51, 132-138.



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