

Uridine

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Uridine is a molecule that is formed when uracil is attached to a ribose ring via a β -N₁-glycosidic bond. If uracil is attached to a deoxyribose ring, it is known as a deoxyuridine. Sugarcane extract is rich in nucleosides, especially uridine.



Recent Publications on Uridine:

- [Long-distance placement of substrate RNA by H/ACA proteins.](#)
The structural basis for accurate placement of substrate RNA by H/ACA... 30th August, 2008
1 Institute of Molecular Biophysics, Florida State University, Tallahassee,- RNA. 2008 Aug 28. ([DOI Direct Link](#))
- [Identification of pseudouridine methyltransferase in Escherichia coli.](#)
In ribosomal RNA, modified nucleosides are found in functionally important... 30th August, 2008
1 Institute of Molecular and Cell Biology, University of Tartu, Tartu,- RNA. 2008 Aug 28. ([DOI Direct Link](#))
- [Effect of NFkappaB Inhibition by CAPE on Skeletal Muscle Ischemia-Reperfusion Injury.](#)
BACKGROUND/AIMS: Nuclear factor kappa B (NFkappaB) plays important role in... 30th August, 2008
Department of Pathology, Faculty of Medicine of Ribeirao Preto, University- J Surg Res. 2008 May 7. ([DOI Direct Link](#))
- [Synthesis, X-Ray Crystal Structures, and Phosphate Ester Cleavage Properties of bis\(2-Pyridylmethyl\)amine Copper\(II\) Complexes with Guanidinium Pendant Groups.](#)
Three new derivatives of bis(2-pyridylmethyl)amine (DPA) featuring... 30th August, 2008
School of Chemistry, Monash University, Clayton, Vic 3800, Australia, and- Inorg Chem. 2008 Aug 28. ([DOI Direct Link](#))
- [Simvastatin-ezetimibe-induced hepatic failure necessitating liver transplantation.](#)
Abstract Serum aminotransferase elevations are a commonly known adverse... 30th August, 2008
1 Division of Clinical and Administrative Pharmacy, College of Pharmacy,- Pharmacotherapy. 2008 Sep;28(9):1188-93. ([DOI Direct Link](#))
- [Blood-Brain Barrier Efflux Transport of Pyrimidine Nucleosides and Nucleobases in the Rat.](#)
The brain efflux index (BEI), a measurement of blood-brain barrier (BBB)... 30th August, 2008
Department of Physiology, Faculty of Medicine, Kuwait University, P.O. Box- Neurochem Res. 2008 Aug 27. ([DOI Direct Link](#))
- [Joining the dots: Production, processing and targeting of U snRNP to nuclear bodies.](#)
The spliceosome is the RNP complex than catalyses the removal of introns... 30th August, 2008
Clinical Neurobiology, Institute of Biomedical and Clinical Science, St- Biochim Biophys Acta. 2008 Aug 6. ([DOI Direct Link](#))
- [Irinotecan and uridine diphosphate glucuronosyltransferase 1A1 pharmacogenetics: to test or not to test, that is the question.](#)

- Pharmacogenetic research indicates a relationship between a polymorphism...*23rd August, 2008
Lombardi Comprehensive Cancer Center, Georgetown University Medical- Cancer. 2008 Aug 20. ([DOI Direct Link](#))
- [Effect of the beta-glucuronidase inhibitor saccharolactone on glucuronidation by human tissue microsomes and recombinant UDP-glucuronosyltransferases.](#)
*Glucuronidation studies using microsomes and recombinant uridine...*23rd August, 2008
Department of Pharmacology and Experimental Therapeutics, Tufts University- J Pharm Pharmacol. 2008 Sep;60(9):1175-82. ([DOI Direct Link](#))
 - [Liver regeneration is impaired by FK778 in partially hepatectomized rats, while supplemental uridine restores both liver growth and hepatocyte proliferation.](#)
*Aim: The impact of mandatory immunosuppression on liver regeneration after...*21st August, 2008
Department of Surgical Sciences, Section of Transplantation Surgery,- Hepatol Res. 2008 Aug 18. ([DOI Direct Link](#))
 - [Recombinant human erythropoietin reduces epithelial cell apoptosis and attenuates bleomycin-induced pneumonitis in mice.](#)
*BACKGROUND AND OBJECTIVE: Erythropoietin (EPO) has recently been...*21st August, 2008
Research Institute for Diseases of the Chest, Graduate School of Medical- Respiriology. 2008 Sep;13(5):639-45. ([DOI Direct Link](#))
 - [Effect of interferon-gamma on hepatic stellate cells stimulated by acetaldehyde.](#)
*BACKGROUND/AIMS: Liver fibrosis in alcoholics has been linked to the...*19th August, 2008
Peking University People's Hospital, Peking University Hepatology- Hepatogastroenterology. 2008 May-Jun;55(84):1059-65.
 - [UDP-GlcNAc2-epimerase regulates cell surface sialylation and ceramide-induced cell death in human malignant lymphoma.](#)
*Stress signals induce ceramide (cer) through sphingomyelinase activation,...*14th August, 2008
First Department of Pathology, Fukushima Medical University, School of- Int J Mol Med. 2008 Sep;22(3):339-48.
 - [\[2- and 4-phenylethynylpyrenes, new fluorescent labels for DNA.\]](#)
*It was shown by the example of 1-, 2-, and 4-phenylethynylpyrene...*13th August, 2008
Shemyakin-Ovchinnikov Institute of Bioorganic Chemistry, Russian Academy- Bioorg Khim. 2008 Jul-Aug;34(4):570-2.
 - [Influence of Drug Transporters and UGT Polymorphisms on Pharmacokinetics of Phenolic glucuronide Metabolite of Mycophenolic Acid in Japanese Renal Transplant Recipients.](#)
*Mycophenolic acid (MPA) is mainly glucuronized by uridine...*13th August, 2008
From the *Department of Pharmacy, Akita University Hospital, Akita, Japan;- Ther Drug Monit. 2008 Aug 7. ([DOI Direct Link](#))

BioNews Results for Uridine

- [Pharmacogenetic Testing for Uridine Diphosphate Glucuronosyltransferase 1A1 Polymorphisms: Are We There Yet?](#)
Pharmacotherapy: Aug 25 2008 10:30PM Matching: uridine
- [Repligen Reports First Quarter Fiscal Year 2009 Financial Results](#)
KRON4: Aug 7 2008 2:40PM Matching: uridine
- [Repligen Reports First Quarter Fiscal Year 2009 Financial Results](#)
KOTA Territory News: Aug 7 2008 2:13PM Matching: uridine
- [Repligen Reports First Quarter Fiscal Year 2009 Financial Results](#)
Calibre Macro World: Aug 7 2008 12:44PM Matching: uridine
- [Repligen Reports First Quarter Fiscal Year 2009 Financial Results](#)
Nashville Business Journal: Aug 7 2008 12:30PM Matching: uridine

Uridine Clinical Trials:



- [Effects of Uridine Supplementation on Metabolic Side Effects of Stavudine and Zidovudine HIV Infections; Insulin Resistance; Hyperlactatemia](#)

Uridine Patents:



- 7405285- [Immunostimulatory oligonucleotide multimers](#)
- 7410766- [Corynebacterium glutamicum genes encoding phosphoenolpyruvate: sugar phosphotransferase system proteins](#)
- 7410774- [Compounds modulating sister chromatid separation and method for identifying same](#)
- 7410777- [Non-endogenous, constitutively activated human G protein-coupled receptors](#)
- 7410944- [Depression gene](#)
- 7411051- [Antibodies to HDPPA04 polypeptide](#)
- 7411065- [PNA monomer and precursor](#)
- 7413853- [Modulation of metabolism of steroids and xenobiotics](#)
- 7413854- [Method for synthesising templated molecules](#)
- 7413856- [In vitro transcription assay for T box antitermination system](#)
- 7413857- [Methods for using riboprimers for strand displacement replication of target sequences](#)
- 7410763- [Multiplex data collection and analysis in bioanalyte detection](#)
- 7410761- [System for rapid identification and selection of nucleic acids and polypeptides, and method thereof](#)
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- 7405302- [5-lipoxygenase-activating protein \(FLAP\) inhibitors](#)
- 7407659- [Methods of diagnosing pre-eclampsia or eclampsia](#)
- 7407757- [Genetic analysis by sequence-specific sorting](#)
- 7407759- [Genetic alterations associated with prostate cancer](#)
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- 7414120- [Compounds and methods for modulating activation of NF-.kappa.B](#)
- 7414134- [B1 bradykinin receptor antagonists](#)
- 7415358- [Molecular toxicology modeling](#)
- 7418303- [System for and method of customizing an animal feed based on nucleic acid material content](#)

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Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

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