

# Ketol-Acid Reductoisomerase

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## Recent Publications on Ketol-Acid Reductoisomerase:



- [Corynebacterium glutamicum tailored for high-yield L-valine production.](#)  
*We recently engineered the wild type of Corynebacterium glutamicum for the...*10th September, 2008  
Institute of Microbiology and Biotechnology, University of Ulm, Ulm,- Appl Microbiol Biotechnol. 2008 Jun;79(3):471-9. Epub 2008 Apr 1. ([DOI Direct Link](#))
- [Synthesis, Bioactivity and SAR study of N'-\(5-substituted-1,3,4-thiadiazol-2-yl\)-N-cyclopropylformyl-thioureas as ketol-acid reductoisomerase Inhibitors.](#)  
*Ketol-acid reductoisomerase (KARI; EC 1.1.1.86) catalyzes the second...*3rd September, 2008  
State-Key Laboratory of Elemento-Organic Chemistry, Nankai University,- J Enzyme Inhib Med Chem. 2008 Sep 1:1. ([DOI Direct Link](#))
- [Differentially expressed proteins in derivatives of Candida albicans displaying a stable histatin 3-resistant phenotype.](#)  
*Histatin-resistant derivatives of Candida albicans strain 132A, generated...*20th October, 2007  
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- [Synthesis, bioactivity, theoretical and molecular docking study of 1-cyano-N-substituted-cyclopropanecarboxamide as ketol-acid reductoisomerase inhibitor.](#)  
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- [pKNOT: the protein KNOT web server.](#)  
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- [Protein knots and fold complexity: some new twists.](#)  
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- [The crystal structure of a bacterial class II ketol-acid reductoisomerase: domain conservation and evolution.](#)  
*Ketol-acid reductoisomerase (KARI; EC 1.1.1.86) catalyzes two steps in the...* 4th February, 2006  
School of Molecular and Microbial Sciences, The University of Queensland,- Protein Sci. 2005 Dec;14(12):3089-100. ([DOI Direct Link](#))
- [Fermentative metabolism is induced by inhibiting different enzymes of the branched-chain amino acid biosynthesis pathway in pea plants.](#)  
*The inhibition of branched-chain amino acid (BCAA) biosynthesis was...* 1st November, 2005  
Departamento Ciencias del Medio Natural, Universidad Publica de Navarra,- J Agric Food Chem. 2005 Sep 21;53(19):7486-93. ([DOI Direct Link](#))
- [Synthesis, crystal structure and herbicidal activity of mimics of intermediates of the KARI reaction.](#)  
*Two mimics of the intermediate in the reaction catalyzed by ketol-acid...* 29th June, 2005  
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- [Elevated amino acid biosynthesis in Phytophthora infestans during appressorium formation and potato infection.](#)  
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- [Probing the mechanism of the bifunctional enzyme ketol-acid reductoisomerase by site-directed mutagenesis of the active site.](#)  
*Ketol-acid reductoisomerase (EC 1.1.1.86) is involved in the biosynthesis...* 2nd March, 2005  
Department of Biochemistry and Molecular Biology, The University of- FEBS J. 2005 Jan;272(2):593-602. ([DOI Direct Link](#))
- [Facile crystallization of Escherichia coli ketol-acid reductoisomerase.](#)  
*Ketol-acid reductoisomerase (EC 1.1.1.86) catalyses the second reaction in...* 19th February, 2005  
Department of Biochemistry and Molecular Biology, University of- Acta Crystallogr D Biol Crystallogr. 2004 Aug;60(Pt 8):1432-4. Epub 2004 ([DOI Direct Link](#))
- [A new approach to 'megaprimer' polymerase chain reaction mutagenesis without an intermediate gel purification step.](#)  
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- [\(R\)- and \(S\)-\[11C\]verapamil as PET-tracers for measuring P-glycoprotein function: in vitro and in vivo evaluation.](#)  
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## BioNews Results for Ketol-Acid Reductoisomerase

- [Researchers Creating Ways to Alert Immune System to Recognize Cancer Cells](#)  
*MedNews: Oct 11 2008 1:17AM Matching: acid*
- [Fibrous Proteins in Medical Technology](#)  
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  - [AAV vectors for gene delivery to the lung](#)  
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  - [Focus on the Molecular Diagnostics Markets](#)  
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BioResearch Online: Oct 10 2008 10:44AM Matching: acid
  - [Thermo Fisher Scientific LC-MS/MS Solution Used To Detect Melamine](#)  
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  - [Scientists at University of Sydney, Faculty of Pharmacy describe research in obesity and diabetes animal study](#)  
Calibre Macro World: Oct 10 2008 1:34AM Matching: acid
  - [Medicis Announces FDA Approval of PMA Supplement for RESTYLANE](#)  
GlobeNewswire via Yahoo!: Oct 10 2008 12:38PM Matching: acid
  - [Alternative flour made from chia seeds takes center stage for celiac sufferers: is certified gluten-free](#)  
Checkbiotech: Oct 10 2008 12:09PM Matching: acid

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- 7365164- [Screening method for genes of brewing yeast](#)
- 5998420- [Method for treating Mycobacterium tuberculosis](#)
- 6355450- [Computer readable genomic sequence of Haemophilus influenzae Rd, fragments thereof, and uses thereof](#)
- 6503729- [Selected polynucleotide and polypeptide sequences of the methanogenic archaeon, methanococcus jannashii](#)
- 6506581- [Nucleotide sequence of the Haemophilus influenzae Rd genome, fragments thereof, and uses thereof](#)
- 6528289- [Nucleotide sequence of the Haemophilus influenzae Rd genome, fragments thereof, and uses thereof](#)
- 6673538- [Methods and compositions for designing vaccines](#)
- 6797466- [Complete genome sequence of the methanogenic archaeon, Methanococcus jannaschii](#)
- 6846651- [Nucleotide sequence of the Haemophilus influenzae Rd genome, fragments thereof, and uses thereof](#)
- 6855533- [Structure-based designed herbicide resistant products](#)
- 7018794- [Methods for monitoring multiple gene expression](#)

- 7060458- [Nucleic acid and amino acid sequences relating to Staphylococcus epidermidis for diagnostics and therapeutics](#)
- 7090973- [Nucleic acid sequences relating to Bacteroides fragilis for diagnostics and therapeutics](#)
- 7166706- [Use of ketol-acid reductoisomerase inhibitors to prevent or treat fungal infection of plants](#)
- 7183101- [NCC2705--the genome of a bifidobacterium](#)
- 5356789- [Methods for detecting acetohydroxyacid synthase inhibitors](#)

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