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## The Mononuclear Molybdenum Enzymes

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1477	19. Connecting the biosynthesis of the molybdenum cofactor, Fe-S clusters, and tRNA thiolation in humans.		
1476	Tungstoenzymes. Chemical Reviews, 1996, 96, 2817-2840	68.1	302
1475	Multifrequency ESEEM Spectroscopy of Sulfite Oxidase in Phosphate Buffer: Direct Evidence for Coordinated Phosphate. <i>Inorganic Chemistry</i> , <b>1996</b> , 35, 7001-7008	5.1	59
1474	Molybdenum cofactor biosynthesis. The plant protein Cnx1 binds molybdopterin with high affinity. <b>1997</b> , 272, 26811-4		77
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1036 1035 1034	DNA facilitating electron transfer reaction of xanthine oxidase. 2005, 7, 562-566  DOM-fold: a structure with crossing loops found in DmpA, ornithine acetyltransferase, and molybdenum cofactor-binding domain. 2005, 14, 1902-10  Nanophase iron phosphate, iron arsenate, iron vanadate, and iron molybdate minerals synthesized within the protein cage of ferritin. <i>Inorganic Chemistry</i> , 2005, 44, 3203-9	5.1	14 30 66
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# (2013-2012)

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28 27 26	Pterin-Containing Microbial Molybdenum Enzymes. <i>Advances in Environmental Microbiology</i> , <b>2022</b> , 359  Metal Munching Microbes. <i>Advances in Environmental Microbiology</i> , <b>2022</b> , 3-20  Molybdenum cofactor catabolism unravels the physiological role of the drug metabolizing enzyme thiopurine S-methyltransferase <i>Clinical Pharmacology and Therapeutics</i> , <b>2022</b> ,  The Role of the Nucleotides in the Insertion of the bis-Molybdopterin Guanine Dinucleotide	6.1	
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28 27 26 25 24	Pterin-Containing Microbial Molybdenum Enzymes. <i>Advances in Environmental Microbiology</i> , <b>2022</b> , 359  Metal Munching Microbes. <i>Advances in Environmental Microbiology</i> , <b>2022</b> , 3-20  Molybdenum cofactor catabolism unravels the physiological role of the drug metabolizing enzyme thiopurine S-methyltransferase <i>Clinical Pharmacology and Therapeutics</i> , <b>2022</b> ,  The Role of the Nucleotides in the Insertion of the bis-Molybdopterin Guanine Dinucleotide Cofactor into apo-Molybdoenzymes <i>Molecules</i> , <b>2022</b> , 27,  Catalytic electrochemistry of the bacterial Molybdoenzyme YcbX. <i>Biochimica Et Biophysica Acta-Bioenergetics</i> , <b>2022</b> , 148579  Inspired by NatureEunctional Analogues of Molybdenum and Tungsten-Dependent	1.3 6.1 4.8 4.6	0

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2 Diversity and roles of cysteine desulfurases in photosynthetic organisms.

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Computational Characterization of the Inhibition Mechanism of Xanthine Oxidoreductase by Topiroxostat. 6023-6043

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