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Catalysis and thermodynamics of the phosphoenolpyruvate/phosphonopyruvate rearrangement. Entry into the phosphonate class of naturally occurring organophosphorus compounds

DOI: 10.1021/ja00224a054

Journal of the American Chemical Society, 1988, 110, 5575-5577

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#	Paper	IF	Citations
84	The formation and transformation of phosphorus-carbon bonds in living organisms. <i>Applied Organometallic Chemistry</i> , 1989 , 3, 203-209	3.1	9
83	Studies on the biosynthesis of bialaphos (SF-1293). 9. Biochemical mechanism of C-P bond formation in bialaphos: discovery of phosphoenolpyruvate phosphomutase which catalyzes the formation of phosphonopyruvate from phosphoenolpyruvate. <i>Journal of Antibiotics</i> , 1989 , 42, 491-4	3.7	32
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81	Synthesis and crystal structure of magnesium bis[2-aminoethyl(hydrogen)phosphonate] octahydrate, Mg(2-AEPH) ₂ ·8H ₂ O. <i>Inorganica Chimica Acta</i> , 1990 , 177, 179-183	2.7	10
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79	The synthesis of 3-phosphonoalanine, phosphonopyruvic acid and phosphonolactic acid. Scission of the C-P bond during diazotization of phosphonoalanine. <i>FEBS Journal</i> , 1990 , 194, 373-6		10
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71	Cloning, overexpression and mechanistic studies of carboxyphosphoenolpyruvate mutase from <i>Streptomyces hygrosopicus</i> . <i>FEBS Journal</i> , 1992 , 209, 735-43		16
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