

James P Morrison

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|---|---|------|-----------|
| 1 | Synthetic Analogues of the Marine Bisindole Deoxytopsentin: Potent Selective Inhibitors of MRSA Pyruvate Kinase. <i>Journal of Natural Products</i> , 2015, 78, 355-362. | 3.0 | 36 |
| 2 | Mechanistic studies on PseB of pseudaminic acid biosynthesis: A UDP-N-acetylglucosamine 5-inverting 4,6-dehydratase. <i>Bioorganic Chemistry</i> , 2008, 36, 312-320. | 4.1 | 28 |
| 3 | The Mechanism of the Reaction Catalyzed by ADP-l-glycero-d-manno-heptose 6-Epimerase. <i>Journal of the American Chemical Society</i> , 2004, 126, 8878-8879. | 13.7 | 27 |
| 4 | A Two-Base Mechanism for <i>Escherichia coli</i> ADP-l-glycero-d-manno-Heptose 6-Epimerase. <i>Biochemistry</i> , 2007, 46, 3916-3924. | 2.5 | 22 |
| 5 | Dismutase Activity of ADP-l-glycero-d-manno-heptose 6-Epimerase: Evidence for a Direct Oxidation/Reduction Mechanism. <i>Biochemistry</i> , 2005, 44, 5907-5915. | 2.5 | 21 |
| 6 | Targeting Bacillosamine Biosynthesis in Bacterial Pathogens: Development of Inhibitors to a Bacterial Amino-Sugar Acetyltransferase from <i>Campylobacter jejuni</i> . <i>Journal of Medicinal Chemistry</i> , 2017, 60, 2099-2118. | 6.4 | 17 |
| 7 | Synthesis and MRSA PK inhibitory activity of thiazole containing deoxytopsentin analogues. <i>Tetrahedron</i> , 2014, 70, 7845-7853. | 1.9 | 16 |
| 8 | The crystal structure of the Y140F mutant of ADP-l-glycero-d-manno-heptose 6-epimerase bound to ADP-l-mannose suggests a one base mechanism. <i>Protein Science</i> , 2010, 19, 1337-1343. | 7.6 | 11 |
| 9 | Development of a multicomponent kinetic assay of the early enzymes in the <i>Campylobacter jejuni</i> N-linked glycosylation pathway. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 8167-8171. | 3.0 | 9 |