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Highly stereoselective one-pot construction of trisubstituted tetrahydro- β -carboline-fused diketopiperazines: a synthetic route towards cialis analogues

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#	Paper	IF	Citations
17	ChemInform Abstract: Highly Stereoselective One-Pot Construction of Trisubstituted Tetrahydro- β -carboline-Fused Diketopiperazines: A Synthetic Route Towards Cialis Analogues.. <i>ChemInform</i> , 2015 , 46, no-no		
16	Combined isocyanide-based multi-component Ullmann-type reaction: an efficient access to novel nitrogen-containing pentacyclic compounds. <i>Molecular Diversity</i> , 2015 , 19, 797-805	3.1	18
15	One-pot three-component synthesis of 1,2,3-triazoles using magnetic NiFe ₂ O ₄ @glutamate@Cu as an efficient heterogeneous catalyst in water. <i>RSC Advances</i> , 2015 , 5, 59167-59185	3.7	39
14	Diversity-oriented reconstruction of primitive diketopiperazine-fused tetrahydro- β -carboline ring systems via Pictet-Spengler/Ugi-4CR/deprotection-cyclization reactions. <i>RSC Advances</i> , 2015 , 5, 102713-102722 ¹⁰	3.7	10
13	Diversity oriented synthesis of β -carbolinone and indolo-pyrazinone analogues based on an Ugi four component reaction and subsequent cyclisation of the resulting indole intermediate. <i>RSC Advances</i> , 2016 , 6, 21165-21186	3.7	18
12	Application of Pictet-Spengler Reaction to Indole-Based Alkaloids Containing Tetrahydro- β -carboline Scaffold in Combinatorial Chemistry. <i>ACS Combinatorial Science</i> , 2017 , 19, 199-228 ⁹	3.9	75
11	Highly diastereoselective crystallization-induced asymmetric transformation of 1,3-disubstituted-tetrahydro- β -carbolines in water. <i>RSC Advances</i> , 2017 , 7, 47753-47757	3.7	4
10	Molecular diversity in cyclization of Ugi-products leading to the synthesis of 2,5-diketopiperazines: computational study. <i>Research on Chemical Intermediates</i> , 2017 , 43, 2119-2142	2.8	10
9	An Efficient One-Pot Synthesis of Chiral N-Protected 3-Substituted (Diketo)piperazines via Ugi-4CR/De-Boc/Cyclization Process. <i>ChemistrySelect</i> , 2018 , 3, 1027-1031	1.8	4
8	1(3)-Formyl- β -carbolines: Potential Aldo-X Precursors for the Synthesis of β -Carboline-Based Molecular Architectures. <i>Asian Journal of Organic Chemistry</i> , 2018 , 7, 6-36	3	24
7	Versatile Synthetic Approach for Selective Diversification of Bicyclic Aza-Diketopiperazines. <i>ACS Omega</i> , 2018 , 3, 15182-15192	3.9	4
6	An overview on synthetic entries to tetrahydro- β -carbolines. <i>Tetrahedron</i> , 2019 , 75, 965-1028	2.4	32
5	Post-Pictet-Spengler Cyclization (PPSC): A Strategy to Synthesize Polycyclic β -Carboline-Derived Natural Products and Biologically Active N-Heterocycles. <i>Advanced Synthesis and Catalysis</i> , 2020 , 362, 4027-4077	5.6	12
4	UHPLC for quality evaluation of genuine and illegal medicines containing sildenafil citrate and tadalafil. <i>Journal of Chromatographic Science</i> , 2021 , 59, 30-39	1.4	1
3	Cyclic Dipeptide: A Privileged Molecular Scaffold to Derive Structural Diversity and Functional Utility. <i>ChemMedChem</i> , 2021 , 16, 2558-2587	3.7	6
2	Three cheers for nitrogen: aza-DKPs, the aza analogues of 2,5-diketopiperazines.. <i>RSC Advances</i> , 2020 , 10, 43358-43370	3.7	1
1	New Trends and Future Opportunities in the Enzymatic Formation of C-C, C-N, and C-O bonds. <i>ChemBioChem</i> , 2021 ,	3.8	3

