N-Tosylpyrrolidine Calix[4]pyrrole: Synthesis an

Journal of Organic Chemistry
76, 1005-1012
DOI: 10.1021/jo101882r

Citation Report

#	Article	IF	Citations
1	Hydrofuran ring-fused calix[4]pyrrole: synthesis and ion-binding studies. Supramolecular Chemistry, 2012, 24, 481-486.	1.5	5
2	Receptor That Can Capture a Discrete Monohydrated Fluoride Anion. Organic Letters, 2012, 14, 6234-6237.	2.4	16
3	KF and CsF Recognition and Extraction by a Calix[4]crown-5 Strapped Calix[4]pyrrole Multitopic Receptor. Journal of the American Chemical Society, 2012, 134, 20837-20843.	6.6	82
4	Calix[4]pyrroleâ€Based Heteroditopic Ionâ€Pair Receptor That Displays Anionâ€Modulated, Cationâ€Binding Behavior. Chemistry - A European Journal, 2012, 18, 15073-15078.	1.7	41
5	Naphthalene strapped fluorescent calix[4]pyrrole isomers: halide ion selectivity based on strap topography. RSC Advances, 2012, 2, 7974-7977.	1.7	13
6	A calix[2]phenol[2]pyrrole and a fused pyrrolidine-containing derivative. Chemical Communications, 2012, 48, 2495.	2.2	11
7	Examples of Regioselective Anion Recognition among a Family of Two-, Three-, and Four-â€œArmedâ€•Bis-, Tris-, and Tetrakis(thioureido) [n]Polynorbornane hosts. Journal of Organic Chemistry, 2012, 77, 8507-8517.	1.7	27
8	Computational investigation of a new ion-pair receptor for calix[4]pyrrole. Journal of Molecular Modeling, 2012, 18, 2291-2299.	0.8	4
9	Applications of isothermal titration calorimetry in pure and applied researchâ€”survey of the literature from 2010. Journal of Molecular Recognition, 2012, 25, 32-52.	1.1	155
10	Indium-mediated one-pot pyrrole synthesis from nitrobenzenes and 1,4-diketones. Tetrahedron, 2013, 69, 6698-6708.	1.0	31
11	Synthesis and anion binding properties of m-diethynylbenzene expanded calix[4]pyrrole. Tetrahedron Letters, 2013, 54, 6928-6930.	0.7	4
12	Synthesis and crystal structure of 15Î±,20Î±-di(4-hydroxylphenyl)calix[4]pyrroles and 10Î±,20Î²-di(4-hydroxylphenyl)calix[4]pyrroles. Tetrahedron, 2013, 69, 10604-10609.	1.0	11
13	Capture and metathesis-based release of potassium salts by a multitopic ion receptor. Chemical Communications, 2013, 49, 2112.	2.2	23
14	Synthesis of New Functionalized Calix[n]phyrin Macrocycles with Varied Ring Sizes by Using a Sterically Congested Dipyrromethane. Chemistry - A European Journal, 2013, 19, 6203-6208.	1.7	13
15	Arylpyrrole oligomers as tunable anion receptors. Organic and Biomolecular Chemistry, 2014, 12, 5492-5499.	1.5	15
16	Synthesis of 5,10,15,20-meso-unsubstituted and 5,10,15,20-meso-substituted-21,23-ditellura/diselena core-modified porphyrinogens: oxidation and detection of mercury(<scp>ii</scp>). RSC Advances, 2014, 4, 3171-3180.	1.7	22
17	Synthesis and properties of functionalized Schiff bases of 5Î±,10Î±-di(4-hydroxylphenyl)calix[4]pyrrole and 5Î±,15Î²-di(4-hydroxylphenyl)calix[4]pyrrole. Chemical Research in Chinese Universities, 2014, 30, 919-924.	1.3	2
18	Probing the origin of opposite ion-pair binding behavior for two new calix[4]pyrrole bis-phosphonate receptors. RSC Advances, 2014, 4, 44948-44958.	1.7	5

#	Article	IF	Citations
19	Quantification of ion binding using electrospray mass spectrometry. Inorganic Chemistry Frontiers, 2014, 1, 49.	3.0	5
20	Calix[4]tetrahydrothiophenopyrrole: A Ditopic Receptor Displaying a Split Personality for Ion Recognition. Organic Letters, 2014, 16, 5414-5417.	2.4	17
21	Reaction of 3-Alkanoylquinoxalin-2-Ones with Ammonium Acetate in DMSO â€“ A New Method for the Synthesis of Pyrroles. Chemistry of Heterocyclic Compounds, 2014, 50, 195-203.	0.6	8
22	Calix[4]pyrrole-Based Ion Pair Receptors. Accounts of Chemical Research, 2014, 47, 2525-2536.	7.6	257
23	Anion Binding Modes in meso-Substituted Hexapyrrolic Calix[4]pyrrole Isomers. Journal of the American Chemical Society, 2014, 136, 1520-1525.	6.6	50
24	N-Alkylation of Sulfonamides with Alcohols by Tf2O. Bulletin of the Chemical Society of Japan, 2015, 88, 610-612.	2.0	5
25	Recent Advancements in Calix[4]pyrroleâ€Based Anionâ€Receptor Chemistry. European Journal of Organic Chemistry, 2015, 2015, 3859-3885.	1.2	89
26	Synthesis, crystal structure and complexing properties of calix[4]pyrrole 10Î±,20Î±-disubstituted Schiff bases and urea derivatives. Journal of Molecular Structure, 2015, 1083, 300-310.	1.8	11
27	Calix[4]pyrroles with Shortest Possible Strap: Exclusively Selective toward Fluoride Ion. Organic Letters, 2015, 17, 4140-4143.	2.4	22
28	Synthesis and crystal structures of meso-substituted calix[4]pyrrole mono-Schiff bases and transition metal complexes. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2015, 81, 215-224.	0.9	4
29	Predicting the Strength of Anionâˆ'Ï€ Interactions of Substituted Benzenes: the Development of Anionâˆ'Ï€ Binding Substituent Constants. Journal of Physical Chemistry A, 2016, 120, 9235-9243.	1.1	9
30	Synthesis of two distinct pyrrole moiety-containing arenes from nitroanilines using Paalâ€“Knorr followed by an indium-mediated reaction. Organic and Biomolecular Chemistry, 2016, 14, 265-276.	1.5	24
31	Development of Ion Chemosensors Based on Porphyrin Analogues. Chemical Reviews, 2017, 117, 2203-2256.	23.0	506
32	Encapsulation of creatinine within aryl extended calix[4]pyrrole derivatives: Insights from theory. Journal of Molecular Liquids, 2017, 247, 456-466.	2.3	6
33	Anionâ€Dependent Bindingâ€Mode Changes in mesoâ€(5,6â€Dichlorobenzimidazole) Picket Calix[4]pyrrole. European Journal of Organic Chemistry, 2017, 2017, 4891-4895.	1.2	7
34	Perfluoroalkylated Calix[4]pyrroles: Fluoride Ion Extraction from an Aqueous Medium. Chemistry - an Asian Journal, 2017, 12, 2369-2373.	1.7	5
35	Structural Determination of Ruthenium Complexes Containing Bi-Dentate Pyrrole-Ketone Ligands. Molecules, 2018, 23, 159.	1.7	6
36	Host-guest complexation behaviour of emissive calix[3]naphthobipyrrole toward aromatic guests. Supramolecular Chemistry, 2018, 30, 949-954.	1.5	1

#	Article	IF	Citations
37	Macrocycles as Ion Pair Receptors. Chemical Reviews, 2019, 119, 9753-9835.	23.0	226
38	Tetrathiafulvalene-calix[4]pyrrole: a versatile synthetic receptor for electron-deficient planar and spherical guests. Organic and Biomolecular Chemistry, 2019, 17, 2594-2613.	1.5	21
39	New dimensions in calix[4]pyrrole: the land of opportunity in supramolecular chemistry. RSC Advances, 2019, 9, 38309-38344.	1.7	49
40	Cesium halide ion pair recognition by a pyrrole strapped Calix[4]pyrrole. Supramolecular Chemistry, 2019, 31, 203-210.	1.5	10
41	Capture and displacement-based release of the bicarbonate anion by calix[4]pyrroles with small rigid straps. Chemical Science, 2020, 11, 8288-8294.	3.7	8
42	Functionalized calix[4]pyrroles: Emerging class of ion-pair receptors in supramolecular chemistry. Materials Today: Proceedings, 2021, 36, 657-678.	0.9	16
43	Design, synthesis, and insecticidal evaluation of novel anthranilic diamides of <scp>Nâ€pyridylpyrazole</scp> derivatives containing <scp>3â€thioethers</scp>. Journal of Heterocyclic Chemistry, 2022, 59, 820-831.	1.4	3