

Roberto Martínez

List of Publications by Year in descending order

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16
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34
g-index

109
all docs

109
docs citations

109
times ranked

1693
citing authors

#	ARTICLE	IF	CITATIONS
1	The Search of DNA-Intercalators as Antitumoral Drugs: What it Worked and What did not Work. Current Medicinal Chemistry, 2005, 12, 127-151.	2.4	396
2	Efficient, "Tin-Free" Radical Cyclization to Aromatic Systems. Synthesis of 5,6,8,9,10,11-Hexahydroindolo[2,1-a]isoquinolines. Journal of Organic Chemistry, 2004, 69, 4001-4004.	3.2	57
3	Synthesis of azepino[4,5-b]indolones via an intermolecular radical oxidative substitution of N-Boc tryptamine. Organic and Biomolecular Chemistry, 2009, 7, 1388.	2.8	56
4	Synthesis and Anti-Tuberculosis Activity of the Marine Natural Product Caulerpin and Its Analogues. Marine Drugs, 2014, 12, 1757-1772.	4.6	44
5	Synthesis and spectra of 7-(o-and p-R-phenyl)-10,10-dimethyl-8,9,10,11-tetrahydrobenz[c]acridin-8-ones. Structure correction of 1,2,3,4-tetrahydro-2,2-dimethyl-5-aryl-6-aza-7,8-benzophenanthren-4-ones. Journal of Heterocyclic Chemistry, 1988, 25, 895-899.	2.6	43
6	Synthesis and in vitro cytotoxic activity of pyrrolo[2,3-e]indole derivatives and a dihydro benzoindole analogue. European Journal of Medicinal Chemistry, 2002, 37, 261-266.	5.5	42
7	Synthesis and spectra of 12â€¢(o <p>â€¢and <i>p</i>)â€¢R-phenyl)â€¢9,9â€¢dimethylâ€¢7,8,9,10,11,12â€¢hexahydro and 8,9,10,11â€¢tetrahydrobenz[c]acridin-11â€¢ones. Structure correction of 1,2,3,4,5,6â€¢hexahydro and 1,2,3,4â€¢tetrahydro-2,2â€¢dimethyl-5-aryl-6-aza-9,10â€¢benzophenanthren-4-ones. Journal of Heterocyclic Chemistry, 1990, 27, 363-366.</p>	2.6	38
8	Synthesis of 5,6-dihydropyrrolo[2,1-a]isoquinolines featuring an intramolecular radical-oxidative cyclization of polysubstituted pyroles, and evaluation of their cytotoxic activity. Organic and Biomolecular Chemistry, 2010, 8, 4374.	2.8	32
9	A Simple Method for the Synthesis of Carbamates. Synthetic Communications, 1994, 24, 2441-2447.	2.1	30
10	Synthesis and structural characterization of cobalt(II) and copper(II) complexes with N,N-disubstituted-Nâ€²-acylthioureas. Polyhedron, 2012, 36, 133-140.	2.2	28
11	Electrosynthesis of 1,2-dithiolane 1-oxides from substituted 1,3-dithianes. Journal of Organic Chemistry, 1986, 51, 4337-4342.	3.2	26
12	Ethyl and methylphenylcarbamates as antihelmintic agents: theoretical study for predicting their biological activity by PM3. Computational and Theoretical Chemistry, 2000, 504, 141-170.	1.5	21
13	Synthesis of the Pentacyclic Framework of the Alkaloid Tronocarpine. European Journal of Organic Chemistry, 2014, 2014, 48-52.	2.4	21
14	Tetrahydropyrrolo[3,2-c]azepin-4-ones as a new class of cytotoxic compounds. Bioorganic and Medicinal Chemistry, 2006, 14, 4007-4016.	3.0	20
15	Synthesis of novel furo, thieno, and benzazetoazepines and evaluation of their cytotoxicity. Bioorganic and Medicinal Chemistry Letters, 2002, 12, 1675-1677.	2.2	19
16	Synthesis of tetrahydrobenzophenanthridinones. Journal of Heterocyclic Chemistry, 1992, 29, 1385-1388.	2.6	18
17	Mass spectral fragmentation patterns of 3,3â€¢dimethylâ€¢2,3,4,5,10,11â€¢hexahydroâ€¢11â€¢(<i>o</i> -and <i>p</i> -)Tj ETQq1 1 0.784314 rg BT Chemistry, 1982, 19, 321-326.	2.6	16
18	Synthesis and mass spectral fragmentation of 2â€¢methylthioâ€¢7â€¢(<i>o</i> - <i>p</i> -)â€¢R-phenyl)â€¢8â€¢phenoxyâ€¢4,5â€¢benzoâ€¢3â€¢azaâ€¢2â€¢nonem. III. Journal of Heterocyclic Chemistry, 1983, 20, 161-167.	2.2	16

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19	1,3-cyclohexanedione as the precursor of C4X-C6-C4Y systems. Synthesis of pyrrolo[2,3-i]e <i>e</i>]indoles and thieno[2,3-i]e <i>e</i>]indoles. Journal of Heterocyclic Chemistry, 1998, 35, 585-589.	2.6	16
20	Lipase-catalysed synthesis of olvanil in organic solvents. Biotechnology Letters, 2002, 24, 2057-2061.	2.2	16
21	Heterocyclic variants of the 1,5-benzodiazepine system. V. Derivatives of 2-(ortho-R1-anilino)-4-(p-R2-phenyl)-3H-1,5-benzodiazepines. Journal of Heterocyclic Chemistry, 1989, 26, 119-124.	2.6	15
22	Heterocyclic variants of the 1,5-benzodiazepine system. VI. Derivatives of 2-methylthio-4-(p-r-phenyl)-3H-1,5-benzodiazepines. Journal of Heterocyclic Chemistry, 1991, 28, 365-368.	2.6	15
23	5,6-Dihydropyrrolo[2,1-ⁱ>:4,^j:4,5]pyrrolo[2,1-a]isoquinolin-12-ones as Alternative of New Drugs with Cytotoxic Activity. Chemical and Pharmaceutical Bulletin, 2017, 65, 973-981.	1.3	14
24	Synthesis and cytotoxic activity of new azepino[3,ⁱ2,4:^j:4,5]pyrrolo[2,1-a]isoquinolin-12-ones. Bioorganic and Medicinal Chemistry, 2009, 17, 1849-1856.	3.0	13
25	<i>De Novo</i> Design of Non-coordinating Indolones as Potential Inhibitors for Lanosterol 14-Î±-Demethylase (CYP51). Chemical and Pharmaceutical Bulletin, 2014, 62, 16-24.	1.3	13
26	Synthesis and antitubercular activity of new ⁱN^j-[5-(4-chlorophenyl)-1,3,4-oxadiazol-2-yl]-[nitroheteroaryl]carboxamides. Heterocyclic Communications, 2019, 25, 52-59.	1.2	13
27	An Efficient Synthesis of 6,6-Dimethyl-2-(4-nitrophenyl)-1-(R-phenyl)-4,5,6,7-tetrahydro-1H-4-indolones Using a Solid Sulfated Zirconia as Catalyst. Heterocycles, 2004, 63, 367.	0.7	13
28	Synthesis and spectral properties of 6ⁱH^j^k(2â€¢, 3â€¢-and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (4â€¢ⁱR^j^kPheny Heterocyclic Chemistry, 1995, 32, 491-493.	2.6	12
29	Heterocyclic variants of 1,5-Benzodiazepine system. VII. Synthesis of substituted 2a-Phenyl-4-methylsulfonyl-2-methoxy-1,2,2a,3-tetrahydroazeto[1,2-a][1,5]benzodiazepin-1-ones. Journal of Heterocyclic Chemistry, 1996, 33, 271-274.	2.6	12
30	Synthesis and cytotoxic evaluation of new (4,5,6,7-tetrahydro-indol-1-yl)-3-R-propionic acids and propionic acid ethyl esters generated by molecular mimicry. Bioorganic and Medicinal Chemistry, 2007, 15, 3912-3918.	3.0	12
31	Electron impact mass spectrometry of triterpenoids from guayule. Organic Mass Spectrometry, 1990, 25, 237-238.	1.3	11
32	Ent-neoclerodane diterpenes from <i>Gymnosperma glutinosum</i> . Phytochemistry, 1994, 35, 1505-1507.	2.9	11
33	Considerations about the chirality of the saturated six-membered rings with two or more heteroatoms. Chirality, 1996, 8, 311-315.	2.6	11
34	Synthesis of substituted 1-benzyl-2,4,6-triphenyl-2,3-dihydro-pyrazolo [3,4-i]b <i>b</i>] [1,4]diazepines. Journal of Heterocyclic Chemistry, 1997, 34, 1131-1133.	2.6	11
35	Antinociceptive Activity of Ent- <i>Dihydrotucumanoic Acid Isolated from Gymnosperma glutinosum</i> . Spreng Less. Drug Development Research, 2017, 78, 340-348.	2.9	11
36	Reaction of 1 ² -arylidennaphthylamines with 4-hydroxycoumarin. A correction in structural assignment of the product. III. Journal of Heterocyclic Chemistry, 1990, 27, 1273-1276	2.6	10

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37	Synthesis and spectral properties of 6_iH_j’7,7’trimethyl’8’dihydrofuro[3,2_ic_j]azepines. Journal of Heterocyclic Chemistry, 1992, 29, 1617-1619.	2.6	9	
38	The stereochemistry of some new chiral brominated compounds with a 2,4,8,10-tetraoxaspiro[5.5]undecanic skeleton. Monatshefte für Chemie, 1995, 126, 1021-1030.	1.8	9	
39	Abnormal ring closure and oxidation _iin situ_j of 2’hydroxy’5’nitrobenzaldehyde in the hantzsch synthesis. Journal of Heterocyclic Chemistry, 1995, 32, 831-833.	2.6	9	
40	Synthesis and Stereochemistry of Some New Chiral Spiro-1,3-Dioxanes. Tetrahedron, 1997, 53, 6215-6232.	1.9	9	
41	Synthesis and Stereochemistry of Some 1,3’Dioxane Diacetals of _io_j’Phthalodialdehyde. Liebigs Annalen, 1997, 1997, 2371-2377.	0.8	9	
42	Clay catalized rearrangement of phenyloxiranes. Journal of Heterocyclic Chemistry, 1997, 34, 1865-1866.	2.6	9	
43	2’Aryl’7,7’dimethyl’5,6,7,8’tetrahydrothieno[3,2_ic_j]azepin’4’ones from 5,5’dimethyl’1,3’cyclohexanepidione. Journal of Heterocyclic Chemistry, 1999, 36, 687-690.	2.6		
44	Synthesis and cytotoxic evaluation of N₁,N_m-bis[(tetrahydrobenzo[a]acridin-12-yl)phenyl]alkanediamides and N₁,N_m-bis[(tetrahydrobenzo[c]acridin-7-yl)phenyl]alkanediamides. II Farmaco, 2000, 55, 631-636.	0.9	9	
45	Synthesis of 1-Benzyl-6-(4-chlorophenyl)-2-(4-R-phenyl)-4-(4-Rstyryl)-2,3-dihydropyrazolo[3,4-b][1,4]diazepines. Molecules, 2001, 6, 710-715.	3.8	9	
46	Reaction of tetrahydrobenz[a]acridinones with hydroxylamine hydrochloride. VII. Journal of Heterocyclic Chemistry, 1995, 32, 827-830.	2.6	8	
47	Synthesis of 2-(p-R-benzoylmethylene)-3-(p-R-phenyl)-1H-quinoxalines. Journal of Heterocyclic Chemistry, 1998, 35, 977-981.	2.6	8	
48	Synthesis of 4’aryl’2,3,6,7’tetrahydro’1_iH_j’pyrimido[4,5_ib_j][1,4]’diazepin’6’ones from 4,5’diamino’1_iH_j’pyrimidin’6’ones and 1’aryl’3’(dimethylamino)’1’propanones. Journal of Heterocyclic Chemistry, 1998, 35, 1397-1399.			
49	Design and Synthesis of Anti-MRSA Benzimidazolylbenzene-sulfonamides. QSAR Studies for Prediction of Antibacterial Activity. Molecules, 2011, 16, 175-189.	3.8	8	
50	Synthesis and Stereochemistry of Chiral 1,3-Dioxanic Compounds Obtained from a-Alkylated b-Ketoesters. Heterocycles, 1995, 41, 2233.	0.7	8	
51	Mass spectral fragmentation patterns of 1,5’benzodiazepines. I. _iortho_j effects of R₂’substituent on 2’(_iortho_j’R₂’aniline)’4’(_ipara_j’R₂’phenyl)’3_iH_j’1,5’benzodiazepines. Journal of Heterocyclic Chemistry, 1982, 19, 107-111.	2.6	7	
52	Mass Spectral Fragmentation Patterns of 11-(o- and p-Anilino)-5H-dibenzo[b,e][1,4]diazepines. IV. Journal of Heterocyclic Chemistry, 1983, 20, 1615-1620.	2.6	7	
53	Electron impact mass spectrometry of substituted tetrahydroazeto[1,2-a][1,5]-benzodiazepin-1-ones and 5-(2-methoxy-acetyl)-tetrahydroazeto[1,2-a][1,5]-benzodiazepin-1-ones. Organic Mass Spectrometry, 1989, 24, 276-278.	1.3	7	
54	Unusual Sulfonation of 1-(4-R-Phenyl)-2,6,6-trimethyl-4-oxo-4,5,6,7-tetrahydroindoles Under Schmidt Conditions. Synthetic Communications, 1995, 25, 1071-1076.	2.1	7	

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55	Molecular association for the design of anti-HIV-1 agents. Conformational study of {3-azido-3-deoxythymidine}-[4,5,6,7-tetrahydro-5-methylimidazo-[4,5,1- <i>jk</i>][1,4]benzodiazepin-2(1 <i>H</i>)-one} derivatives. Computational and Theoretical Chemistry, 2000, 504, 69-75.	5	7
56	Novel TASK channels inhibitors derived from dihydropyrrolo[2,1-a]isoquinoline. Neuropharmacology, 2014, 79, 28-36.	4.1	7
57	Synthesis of the New Triheterocyclic System C3N-C4N-C6N. 3-Aryl-2,5,5-trimethyl-9a-methylsulfanyl-9-phenoxy-4,5,6,8,9,9a-hexahydro-3H-azeto[1,2-a]pyrrolo[3,2-c]azepin-8-one. Heterocycles, 2000, 53, 557.	7	7
58	SYNTHESIS OF CARBENOXOLONE ANALOGS FROM ARGENTATIN B. Organic Preparations and Procedures International, 1993, 25, 698-703.	1.3	6
59	Reactions on the dimethylphenylbenzacridinones. <i>b>VI</i> . Hydrogenation of <i>ortho</i>-nitrophenyl derivatives. Journal of Heterocyclic Chemistry, 1994, 31, 1061-1063.	2.6	6
60	Computational studies, synthesis and biological investigations of <i>N</i>-[<i>p</i>-bromo)carboxyphenyl]dibenzo[b,f]azepine. Journal of Heterocyclic Chemistry, 1996, 33, 715-718.	2.6	6
61	5-Aryl-3-Methyl-2-Cyclohexen-1-Ones from 4-Aryl-1, 4-Dihydropyridines (Hantzsch Esters). Synthetic Communications, 1998, 28, 2813-2820.	2.1	6
62	Synthesis of 3,4-dihydro-3,3-dimethyl-1(2 <i>H</i>)-acridinone. Journal of Chemical Crystallography, 1995, 25, 201-203.	1.1	5
63	A NEW METHOD FOR OLIGONUCLEOTIDE DERIVATIZATION OF THE 3- OR 5- TERMINI WITH A CPG-SUPPORT CARRYING THE NATURAL PRODUCT ISOARGENTATIN-D. Tetrahedron Letters, 1997, 38, 6123-6126.	1.4	5
64	Dibenzo[1,2,5]thiadiazepines Are Non-Competitive GABA Receptor Antagonists. Molecules, 2013, 18, 894-913.	3.8	5
65	Electron impact mass spectrometry of 3-methyl-4-benzylideneamine-5-styrylisoxazoles. II. Journal of Heterocyclic Chemistry, 1980, 17, 805-807.	2.6	4
66	<i>Ortho</i> effects in 3-methyl-5-(<i>o</i> -styryl)-4-aminoisoxazoles on electron impact. III. Journal of Heterocyclic Chemistry, 1981, 18, 185-187.	2.6	4
67	Electron impact induced fragmentation of some 7-(<i>o</i> - and p-R-benzylidene)-3-(<i>o</i> - and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 262	2.6	262
68	The fragmentation of 7-(<i>o</i> - and p-R-benzylidene)-3-(<i>o</i> -) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td (andp-R-phenyl)-2-methyl-3,3a,4,5,6, Heterocyclic Chemistry, 1986, 23, 203-207.	2.6	4
69	Synthesis and spectral properties of 4-oxothiazolin-2-yl- <i>N</i> -R₁- <i>R</i> ₂- <i>R</i> ₃phenyl)indol-3-yl]hydrazones. Journal of Heterocyclic Chemistry, 1991, 28, 1413-1415.	2.6	4
70	Synthesis and stereochemistry of some new brominated spiro 1,3-dioxanes. Journal of the Chemical Society Perkin Transactions 1, 1997, , 775-782.	0.9	4
71	Cytotoxic activity and QSAR of N,N-diarylalkanediamides. European Journal of Medicinal Chemistry, 2001, 36, 731-736.	5.5	4
72	Pharmacological evaluation of 2-angeloyl ent-dihydrotucumanoic acid. Pharmaceutical Biology, 2017, 55, 873-879.	2.9	4

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73	Nucleus-Independent Chemical Shift (NICS) as a Criterion for the Design of New Antifungal Benzofuranones. <i>Molecules</i> , 2021, 26, 5078.	3.8	4
74	Mass spectral fragmentation patterns of 2,5-bis(<i>i</i> -phenyl)-3,4-difurans. <i>Journal of Heterocyclic Chemistry</i> , 1984, 21, 855-860.	3	
75	Isolation of 1,2,3,4-tetrahydrobenzo[<i>f</i>]quinolin-2-ones on the reaction of 2-arylideneephthylamines with 4-hydroxycoumarin. <i>Journal of Heterocyclic Chemistry</i> , 1991, 28, 589-592.	2.6	3
76	Electron impact mass spectrometry of praziquantel derivatives. <i>Organic Mass Spectrometry</i> , 1991, 26, 503-504.	1.3	3
77	Preparation, spectral studies, and X-ray crystal structures of (16S, 17R, Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 592 Td (20S)-3-oxo-17-phenyl-1H-dibenzo[b,e] [1,4]diazepin-1-one. <i>Journal of Crystallography</i> , 1995, 25, 331-337.	1.1	3
78	Rearrangement of substituted 11-phenyl-1H-dibenzo[b,e] [1,4]diazepin-1-one to dihydrophenazin-1-(2H)-one: a theoretical approach. <i>Computational and Theoretical Chemistry</i> , 1999, 489, 7-17.	1.5	3
79	Synthesis of Novel Furo-, Thieno-, and Pyrroloazepines. <i>Synthesis</i> , 2010, 2010, 3346-3352.	2.3	3
80	Electron impact mass spectrometry of 7-(o-) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (andp-R-phenyl)-10,10-dimethyl-8,9,10,11-tetrahydro-5H,6H-dibenzo[b,e] [1,4]diazepin-1-one. <i>Organic Mass Spectrometry</i> , 1988, 23, 672-673.	1.3	2
81	Electron impact mass spectrometry of substituted 1,2,4-triazine-3,5(2H,4H)-diobes. <i>Organic Mass Spectrometry</i> , 1990, 25, 386-387.	1.3	2
82	Mass spectra of some 2-(p-R-phenyl)-indole-3-carboxaldehyde derivatives. <i>Organic Mass Spectrometry</i> , 1991, 26, 695-696.	1.3	2
83	Electron impact mass spectrometry of 3-(2-hydroxyphenylcarbonyl)-4-(o-) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 347 Td (andp-R-phenyl)-10,10-dimethyl-8,9,10,11-tetrahydro-5H,6H-dibenzo[b,e] [1,4]diazepin-1-one. <i>Organic Mass Spectrometry</i> , 1991, 26, 121-122.	1.3	2
84	Praziquantel analogs. Synthesis of substituted 4-(2,3-and 4- <i>i</i> -R)-carboxyphenyl-1,4-pyrazin-2-ones. <i>Journal of Heterocyclic Chemistry</i> , 1994, 31, 1521-1523.	2.6	2
85	Conformational analysis of analogs of fentanyl: a theoretical approach. Possible influence of the anomeric effect on its biological activity. <i>Computational and Theoretical Chemistry</i> , 1995, 342, 141-146.	1.5	2
86	Azo dyes derived from Aminophenylbenzacridinones. VIII. <i>Journal of Heterocyclic Chemistry</i> , 1996, 33, 489-491.	2.6	2
87	Heterocyclic variants of the 1,5-benzodiazepine system. VIII. Reaction of 4(7)-aminobenzimidazole with ethyl 2-alkylmalonates. <i>Journal of Heterocyclic Chemistry</i> , 1997, 34, 1043-1045.	2.6	2
88	Cytotoxic evaluation of substituted azetopyrroloazepinones. <i>Arkivoc</i> , 2006, 2003, 48-55.	0.5	2
89	On the selective methylation of benzoyl and furoylthiocarbamates as polydentate systems. <i>Arkivoc</i> , 2010, 2010, 276-290.	0.5	2
90	Electron impact mass spectrometry of 1-(p-R-phenyl)-3,3-dimercaptoprop-2-en-1-ones. <i>Organic Mass Spectrometry</i> , 1984, 19, 206-206.	1.3	1

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CITATIONS

91	Electron impact mass spectrometry of 7±-8-trans-cycloheptane-[1,2-c]-1-methyl-8-(o-) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 74	1.3	1
92	Mass spectra of some 2-(o-R1-phenyl)-indole-3-carboxaldehyde derivatives. II. Organic Mass Spectrometry, 1991, 26, 1095-1096.	1.3	1
93	Synthesis and antituberculosis activity of new acylthiosemicarbazides designed by structural modification. Drug Development Research, 2020, 81, 350-355.	2.9	1
94	Bisindole caulerpin analogues as nature-inspired photoresponsive molecules. Journal of Materials Chemistry C, 2020, 8, 6680-6688.	5.5	1
95	Synthesis of novel pyrroloazepinones by Schmidt expansions of 6-indolones. Arkivoc, 2020, 2020, 262-275.	0.5	1
96	Electron impact mass spectrometry of N-(2-methylpropyl)-3-(<i>< i>o</i>-,< i>m</i>-) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (and< i>p 0.8</i>		
97	A mass spectrometric investigation on some 5-substituted adamantan-2-ones. Spectroscopy, 1997, 13, 207-212.	0.8	0
98	Efficient, â€œTin-Freeâ€• Radical Cyclization to Aromatic Systems. Synthesis of 5,6,8,9,10,11-Hexahydroindolo[2,1-a]isoquinolines.. ChemInform, 2004, 35, no.	0.0	0
99	Total syntheses and antiproliferative activities of prenostodione and its analogues. Organic and Biomolecular Chemistry, 2021, 19, 8272-8280.	2.8	0
100	A few comments on the development of organic chemistry in Mexico. Arkivoc, 2006, 2003, 1-3.	0.5	0
101	3-Hydroxy-5,5-dimethyl-2-(2-oxopropyl)cyclohex-2-enone. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o3186-o3186.	0.2	0
102	(-)3-Hydroxy-3-(4-R-Phenyl)-Prop-2-Enedithioic Acids as New Antituberculosis Compounds. Infection and Drug Resistance, 2021, 14, 4323-4332.	2.7	0
103	(2Z)-3-Hydroxy-3-(4-R-Phenyl)-Prop-2-Enedithioic Acids as New Antituberculosis Compounds. Infection and Drug Resistance, 2021, Volume 14, 4323-4332.	2.7	0