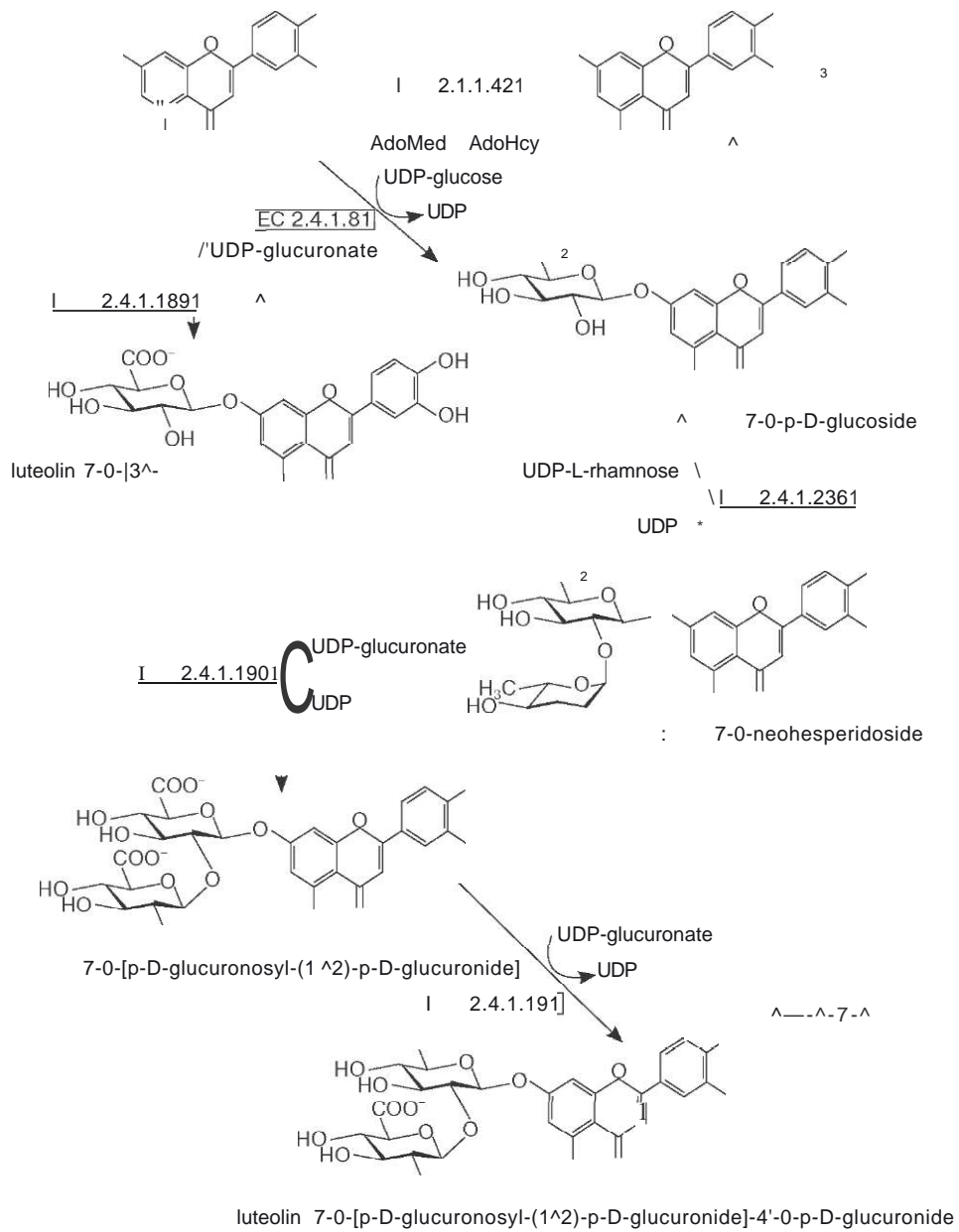


615.32:547.814.5.

- 1, 1,2, 2, ...
- 2, ...

(22), (7) (52),
 6,8- 44) 8- 6- (— N° 39
 (1-4, — 54-56).
 (39, 44, 54-56),
 (53), (59),
 (57, 58).
 (59),
 (57, 58).
 -3' (25), -4' (30) -7 (2),
 -5 (36), (40, 41), (46), (47),
 (43)
 (31)), (38), (41), 4 (39, 44), 1-4 (54-56).
 (50), (18, 19), (17),
 (14), 0- (11)),
 (19, 29) 0- (4-),
 (34) (-7,3' (32) ; 7.4' (33) 3'.4' (32),
 (29, 34) (57, 58).
 (35).
 (8)
 (9). (8- - ^-)
 (5, 21, 27, 28),
 (19), (6- - ^-).

— -6 -8
 () [6, 7, 10].
 -7 (70), -3' (60),
 -4' (63), -5 (68),
 -7,3 (76) -4'.5' (77).
 0-
 (79,80)
 (81, 82).,
 (3,4),
 (4) [2, 21]



	C	Pofl H BHH	C c	
1	2.	3	4	5
I. eo				
1. eo	5.7.3',4'- e pa po c a o	Cynara scolymus	Asteraceae	4
2. apo	7-0-P-D- o pa o eo a	Cynara scolimus	Compositae	4
.	7-0- a a eo a	Ballota nigra	Lamiaceae	21
4.	7-0- o a a eo a	Ballota nigra	Lamiaceae	21
5.	7-0-P-(D- o pa o -6-a e a) eo a	Carthamus tinctorius	Compositae	42
6.	7-0-P-[D- o pa o -6-(3- po c , 4- e o c a a)] eo a	Eltsholzia bodinieri	Lamiaceae	45
7. eo 7-O- o 4''-cy a	7-0- o -4''-cy a eo a	Phoenix dactylifera	Arecaceae	34
8. eo -7- ypo	7-0-P-D- ypo o pa o eo a	Scutellaria baicalensis	Lamiaceae	14, 16
9. eo -7- ypo- a e o p	Me a 7-0-P-D- ypo o pa o a eo a	Chaenomelis sinensis	Rosaceae	43
10. eo -7- a a - o	7-0-P-D- a a o pa o eo a	Pteris cretica	Pteridaceae	37, 38
11. eo -7-0- pa - o	7-0-P-L-pa o o eo a	Asplenium normale	Aspleniaceae	35
12. eo -7- y- po	7-0-P-D- ypo o o eo a	Aloysia triphylla	Verbenaceae	24
13. eo -7-py o (c o o , epo a- c po)	7-0- —py o eo a	Cynara scolimus Atremisia montana	Compositae	39
14. eo -7-0-po o- o	7-0-P-D-po o o eo a	Pteris cretica	Pteridaceae	37, 38
15. eo -7- o - pa o -1-6- c o	7-0-(P-D- o pa o -6-P-D- c o pa- o) eo a	Hebe parviflora	Scrophulariaceae	54
16. eo -7- o - pa o -1-6- o	7-0-(P-D- o pa o -6-P-D- o pa- o) eo a	Leontodon croceus	Asteraceae	70
17.	7-0-(o -6- ypo) eo a	Nepeta cataria	Lamiaceae	51
18. eo 7-O-P-D- a o ypa o -(1-2)- P-D- o pa o (pa eo o)	7-0-(P-D- o pa o -2-P-D-a o ypa o-) eo a	Capsicum annum	Solanaceae	15, 52
19.	7-0-(P-D- o pa o -2-P-D-a o ypa- o -4-P-D- o pa o -6- a o a) eo a	Capsicum annum	Solanaceae	36, 51
20. eo 7-0-(- po o -1-2- ypo)	7-0-(P-D- ypo o pa o -2-0-P-D- - ypo o pa o) eo a	Perilla ocimoides	Lamiaceae	69
21. eo -7-0-(4-0- a e -a-pa o pa o - 1-2-P- ypo o pa o	7-0-P-D ypo o pa o -2-a-L- (4-a e)-pa o pa o eo a	Phlomis lunariifolia	Lamiaceae	23
22. eo -7-0-[2-0- epy o -P-D- ypo o- pa o (1-2)-0-P-D- ypo o pa o l]- 4'-0-P-D- ypo o pa- o	7-0-(P-D- ypo o pa o -2-0-P-D- - ypo o pa o o-(2-0- epy o), 4'-0-P-D- ypo o pa o eo a	Medicago sativa	Leguminosae	31, 62
23. eo -7- - o .	7-0-P-D- o o eo a	Ixeris sonchifolia	Asteraceae	49a

1	2	3	4	5	
24.	3'-0- ^-	Dracocephalum nodulosum	Lamiaceae	3	
25.	-3'- -	Melissa officinalis	Lamiaceae	32	
26.	-3'- -	3'-0- ^-	Elsholtzia rugulosa	Lamiaceae	47
27.	-3'-0-(4'-)-0- ^-	3'-0-P-D- (4-)-	Rosmarinus officinalis	Lamiaceae	56
28.	-3'-0-(3'-)-0- ^-	3'-0-P-D- (3-)-	Rosmarinus officinalis	Lamiaceae	56
29.		3'-0-(- ^- -2- ^-) -4- ^- -	Caralluma negevensis	Asclepiada-ceae	20
30.	4'-0-	4'-0- ^-	Achilea nobilis	Compositae	40
31.	-4'-0-	4'-0-(- ^-) -2- ^- -	Caralluma attenuata	Asclepiada-ceae	59
32.	7,3'-0- -	7,3'-0- ^-	Genista tenera	Leguminosae	60
33.	-7,4'-0- - -	7,4'-0- ^-	Achilea pann-onica	Compositae	34
34.	-7-0- - -4'-0-	7-0-(- ^- -4'-0- ^-) -2-0- ^- -	Secale cereale	Poaceae	55
34.	-3',4'-0- - -	3',4'-0- ^-	Caralluma negevensis	Asclepiada-ceae	20
35.	-7-0- - -4'-0-	7-0- - , 4'-0-	Hedwigia ciliata	Hedwigiaceae	58
36.	-5-0-P-D-	5-0- ^-	Coleus parvifolius	Lamiaceae	65
37.	-5-O-P-D-	5-0- ^-	Coleus parvifolius	Lamiaceae	65
38.	5- - - -	5-0-(-)	Coleus parvifolius	Lamiaceae	65.
39.		8- - ^-	Achilea nobilis Lychnis flos-cuculi	Compositae Caryophylla-ceae	40 67
40.		8- - - -) -6-0- ^- -	Adonis vernalis	Ranuncu-laceae	17
41.		6- - - -) -6-0- ^- -	Adonis vernalis	Ranuncula-ceae	17
42.	0 -2"-0- -	8- - -D- -2-0- -	Achilea nobilis	Compositae	33
43.	8- - - -7-0-	8- - ^- -7-0-	Pteris cretica	Pteridaceae	37, 38
44.	(-)	6- - ^-	Achilea nobilis	Compositae	40
45.	-2"-0- -	6- - -D- -2-0- -	Achilea nobilis	Compositae	33
46.	-2"- -	6- - -D- -2-0- -D- -	Achilea nobilis	Compositae	61
47.	-2"-0-	6- - ^- -2-0- ^- -	Dianthus chinensis	Caryopphyll-laceae	44
48.	-2"-0-	6- - ^- -2-0- ^- -	Oxalis triangularis	Oxalidaceae	60
49.	-6"-0-	6- - ^- -6-0- ^- -	Gentiana arisanensis	Gentianaceae	46

1	2	3	4	5
50. oop e -7-0-apa-6HHOS^	6-C-P-D- o pa o -7-0-a-L-apa o - pa o eo a	Gypsophila repens	Caryophyllaceae	28a
51. oop e -7-0- - ^	6-C-P-D- o pa o o-7-0-P-D- o - pa o eo a	Hordeum vulgare	Poaceae	56
52. oop e -2''- a - a	6-C-P-D- o pa o o-2- a a eo- ^	Pelargonium reniforme	Geraniaceae	41
5 .	6-C-P-D- o o pa o eo a	Pogonatherum crinitum	Poaceae	72
54. -1	6-C-P-D- o pa o o, 8-C-P-D- o - pa o eo a (a , a - o ep)	Gypsophila	Caryophyllaceae	6, 9
54. -2	6-C-P-D- o pa o o, 8-C-P-D- o - pa o eo a (CHH, a - o ep)	Gypsophila	Caryophyllaceae	6, 9.
55. -3	6-C-P-D- o pa o o, 8-C-P-D- o - pa o eo a (a , cHH-^oiaep)	Gypsophila	Caryophyllaceae	6, 9.
56. -4	6-C-P-D- o pa o o, 8-C-P-D- o - pa o eo a (CHH, cHH-^oiaep)	B^M Gypsophila	Caryophyllaceae	6, 9
57. ap o	6-C-P-D- o pa o -8-C-P-L-apa o - pa o eo a	Capsicum annuum	Solanaceae	55 26
58. o ap o (Heo- ap o)	6-C-a-L-apa o pa o o, 8-C-P-D- o - pa o eo a	Viola yedoensis	Violaceae	67a. 26
59.	6-C-P-D- c o pa o o, 8-C-P-D- o - pa o eo a (CHH, cHH-HsoHep)	Vitex lucens	Verbenaceae	26
II. Xp ep o				
60. Xp ep o	3'- e o c eo	Picnomon acarna	Asteraceae	63
61.	4'-0-P-D- o pa o xp ep o a	Chaenomelis sinensis	Rosaceae	43
62. C- o xp^e- p o a	6,8-C- o pa o xp ep o a	Stellaria holostea	Caryophyllaceae	26
III. oc e				
63. oc e	4'- e o c eo	Hyssopus officinalis	Lamiaceae	6, 54
64. oc e -7- c o- o	7-0-P-(-D- o pa o -6-P-D- c o pa- o) oc e a	Hebe parviflora	Scrophulariaceae	54
65. oc	7-0-P-(-D- o pa o -6-a-L-pa o pa- o) oc e a	Hyssopus officinalis	Lamiaceae	6
66. oc e -7-0-P-(6-0- P- c o o)	7-0-P-(-D- o pa o -6-P-D- c o pa- o) oc e a	Hebe traversti	Scrophulariaceae	54
67. C- o oc- ^	6,8-C- o pa o oc e a	Citrus limon	Rutaceae	29
IV. 5- e o c eo				
68. 5-Me o c eo	5- e o c eo	Urtica laevirens	Urticaceae	71
69.	7-0- - - o pa o 5- e o c eo a	Urtica laevirens	Urticaceae	71
V. 7- e o c eo				
70. 7-Me o c eo	7- e o c eo	Avicennia marina	Avicenniaceae	52
71.	'-0-P-D- o pa o 7- e o c eo- nHia	Avicennia marina	Avicenniaceae	52
72.	'-0-P-D- a a o pa o 7- - eo a	Avicennia marina	Avicenniaceae	52
73. 7-Me o c eo -5-0- P-D- o pa o	5-0-P-D- ypo o pa o 7- e o c - eo a	Coleus parvifolius	Lamiaceae	65

1	2	3	4	
74.	6- - 7-	Swertia japonica	Gentianaceae	26
75.	6- - 7-	Swertia japonica	Gentianaceae	26
VI. 7, '-				
76. 7, '-	- 7, '-	Picnomonacarna	Asteraceae	67.0
VII. 4'.5'-				
77. 4'. '-	- 4'.5'-	Saccharum officinarum	Poaceae	21.0
7 .	- - 4', '-	Saccharum officinarum	Poaceae	26
VIII.				
79. 8-a-()-C-(3.4-)-	- - ^ ^ ^ ^-	Capsicum annum	Solanaceae	7.1, 11
0. 6-a-()-C-(3.4-)-	6--()- -(.4-)-	Capsicum annum	Solanaceae	, 10
^ - - -	- - - -	Thymus hirtus	Lamiaceae	53
2.6- - -	- - - -	Thymus hirtus	Lamiaceae	53

5.7.3'.4'.- - (1%/) 515-
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 4 -1- 286.2380 -4-) 15 10 6, . -7-0- -
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 [7, 8, 11, 50]
 42-2970-93 - 42-1697-87 [5, 12, 18].
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615.32:547.814.5.

LYUTEOLIN, HIS DERIVATES AND THEIR DISTRIBUTION

Key words: lyuteoline, bioflavonoids, medicinal preparations

The results of informative analysis of distribution of bioflavonoid of lyuteoline and his derivates in food and medicinal plants are presented in the article. Many botanical taxons containing lyuteoline and different natural derivates have been determined. That can be interested for expansion of source of raw materials and testimony of their application as medications. A chart of biosynthesis of some glycozides of lyuteoline and his derivates is displayed.

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