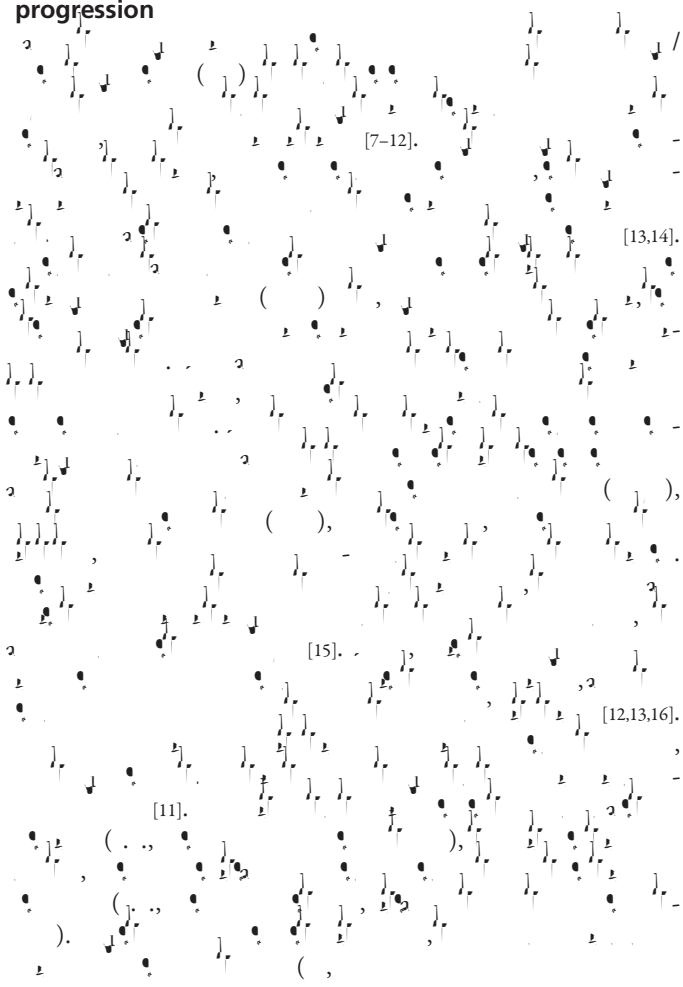
E

Involvement of oxidative stress in AD development & progression



[7–12].

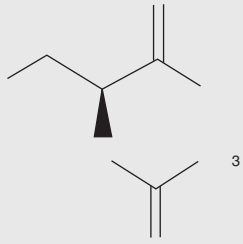
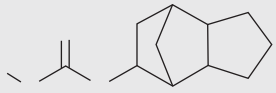
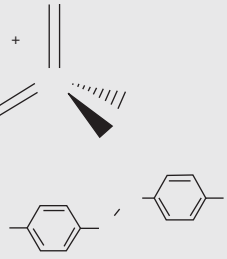
[13,14].

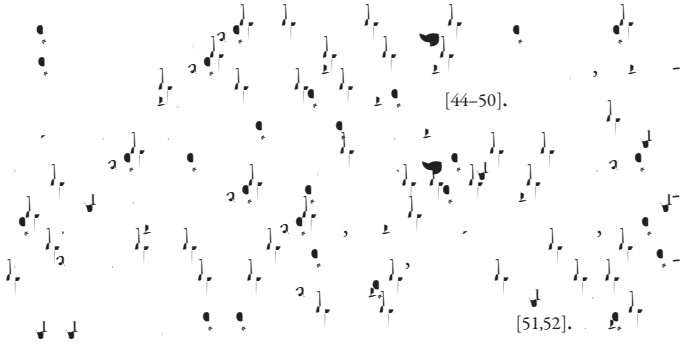
[15].

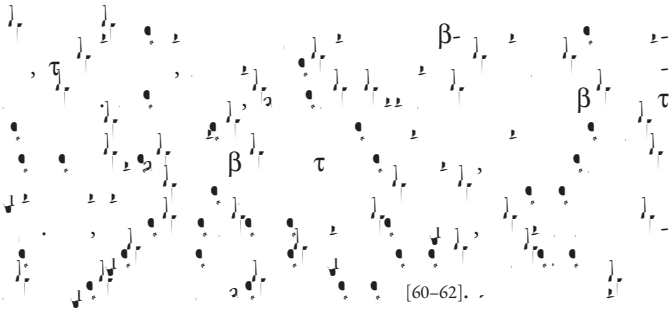
[12,13,16].

[11].

Table 1. List, chemical structure and principal outcomes obtained employing the antioxidant molecules discussed in the review as therapeutic agents for Alzheimer's disease management.

Compound	Structure	Outcomes in AD treatment
N- - -		β γ- β
D 0		β
, ˙- -		β α- γ- D τ 2 2 -τ ϰ 3β
-		
(α	)	





[60–62].

β

2014, . [76]

(100 μ) 1

24- 27-

β- 1 β -

β

(600 /)

[77,78] 2012

Tricyclodecan-9-YL-xanthogenate

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( )-

1,2- / ,

[79].

2+

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[91].

β β

2009 β- / 1

(-)

β [92].

(- 5)

β(1 40), β(1 42) β

β β- β-

γ- [93].

β- (1)

τ [94,95].

τ [95].

441

τ

, 301 5

369 3 , τ

[94]. / - -

( ) 2 2 -τ

[96] 2010 52 (-

) , 2

2010, . [97] ( )2

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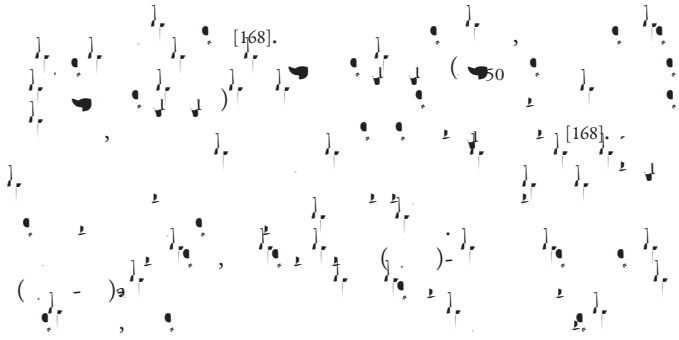
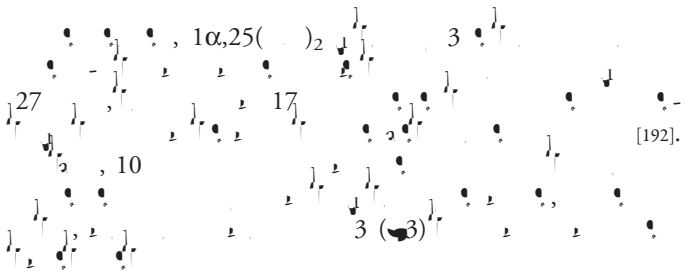
( )2

12.4( )-312.1( ) 11.2( )-609.5( )-911.37 5 10.4( )-407.96( ) [928





[192].

695 [210].

(50 /. , 3 , .)

β (25 μ , .)-

[211].

-κ

β [211].

[211].

β

β

10 [218])

[217,218].

[217,218]

-31

[246].

2576 β 31

β-

β

[221,247–249].

Expert commentary

364.67. ( )1 6.1( )- (446(-3 .7( )1.)11( ))-445.2 . .8 -5342

2001;7(12):548-54

19. 2011;13(4):
223-50

20. 2010;
6(3):225-7

21. (1-42)-
2013;
19(8):823-35

22. 35
2010;48(1):136-44

23. 2004;89(5):1308-12

24. 2006;350(3):530-6

25. 2013;2013:316523

26. :
2006;9(2):155-66

27. :
2012;2012:735206

28. 2001;21(9):3017-23

29. 1985;17(3):459-64

30. 2006;9(2):147-53

31. 1996;143(1-2):
137-42

32. 37

2012;
46(4):565-76
54. 2006;8(11-12):
2039-45
55. 1999;
72(2):771-6
56. 2010;24(2):194-7
57. 2
2007;4(6):403-5
58. 8,12- - 2 - 2000;48(5):
809-12
59. 2- 1998;
12(15):1777-83
60. 2013;65:595-606
61. 2011;24(1):77-84
62. 2008;1782(10):
549-58
63.

2006;138(4):
1161-70
85. 609
2006;
41(11):1694-703
86. :
2011;
26(1):81-104
87. ,
2007;18(1):52-8
88. ,
2010;24(3):
169-73
89. 2012;379(9822):1256-68
90. ,
2010;20(1 1): 1 92-5
91.

121. , , , .

194. 0-0.439275.09275.09277 6.7( )14.9(( )10-)16.8( )-330.4() /4( )17.1( )-330
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2012;19(7):1023-9
195.
2013;65:324-34
196. 2
2011;26(3):477-84
197. (-):
2011;12:230
198. 2004;75(7):765-90
199. 2003;34(1):75-8
200. 1993;1:57-60
201. 2000;67(25):
3023-9
202. :
2002;957:341-4
203. 2002;2(2):
181-97
204.
2004;36(1):1-9
205.
1999;890:471-85
206.

230.

2007;282(20):14708-18

231.

2004;
279(36):37575-87

232.

2011;31(44):15703-15

233.

2014;71:390-401

234.

2010;59(4-5):290-4

235.

2013;1(1):80-5

236.

2007;12(2):195-206

237.

2576 2007;
28(2):213-25

238.

8

2005;46(2):159-68

239.

3 / / 1/2

2007;42(3):371-84

240.

4

2009;
283(1-2):199-206

241.

2003;19(4):350-3

242.

2003;
18(2):61-71

243.

-3

:// / / 01058941

244.

:

2006;8(3): 521-31

245.

2008;1147:112-21

246.

-31

2007;18(1):213-22

247.

2011;
20(23):4515-29

248.

2011;1812(9):1182-9

249.

31.

2011;8(1):
203-21