

Jain J, Bansal SK, Chowdhury P, Sinha R, Tripathi U, Malhotra M. *In silico* pharmacophore validation of anticonvulsant activity of (E) (\pm)-3-menthone derivatives. *Bull. Pharm. Res.* 2013;3(3):146-56.

References (22):

1. Bansal H, Sharma A, Sharma V, Kumar V. Pharmacophore modeling studies on xanthenes as monoamine oxidase-A inhibitors. *Bull. Pharm. Res.* 2011;1(1):15-21.
<http://www.appconnect.in/wp-content/uploads/2012/01/ReprintBPR003.pdf>
2. Dimmock JR, Pandeya SN, Quail JW, Pugazhenth U, Allen TM, Kao GY, Balzarini J, DeClercq E. Evaluation of the semicarbazones, thiosemicarbazones and bis-carbohydrazones of some aryl alicyclic ketones for anticonvulsant and other biological properties. *Eur. J. Med. Chem.* 1995;30(4):303-14.
<http://www.sciencedirect.com/science/article/pii/0223523496882389>
3. Duncan JS. The promise of new antiepileptic drugs. *Br. J. Clin. Pharmacol.* 2002;53(2):123-31.
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1874286/>
4. Eadie MJ, Tyrer JH. *Anticonvulsant Therapy: Pharmacological Basis and Practice*, 3rd Edition, Churchill Livingstone, Edinburgh: 1989.
5. Ghogare JG, Bhandari SV, Bothara KG, Madgulkar AR, Parashar GA, Sonawane BG, Inamdar PR. Design, synthesis and pharmacological screening of potential anticonvulsant agents using hybrid approach. *Eur. J. Med. Chem.* 2010;45(3):857-63.
<http://www.ncbi.nlm.nih.gov/pubmed/20034707>
6. Jain J, Kumar Y, Sinha R, Kumar R, Stables J. Menthone aryl acid hydrazones: a new class of anticonvulsants. *Med. Chem.* 2011;7(1):56-61.
<http://www.ncbi.nlm.nih.gov/pubmed/21235520>
7. Jain J, Kumar Y, Stables J, Sinha R. Menthone semicarbazides and thiosemicarbazides as anticonvulsant agents. *Med. Chem.* 2010;6(1):44-50.
<http://www.ncbi.nlm.nih.gov/pubmed/20402660>
8. Jain JS, Srivastava RS, Aggrawal N, Sinha R. Synthesis and evaluation of schiff bases for anticonvulsant and behavioral depressant properties. *Cent. Nerv. Syst. Agents Med. Chem.* 2007;7(3):200-4.
<http://www.ingentaconnect.com/content/ben/cnsamc/2007/00000007/00000003/art00006>

9. Jones GL, Woodbury DM. Anticonvulsant structure-activity relationships: Historical development and probable causes of failure. *Drug Dev. Res.* 1982;2(4):333-55.
<http://onlinelibrary.wiley.com/doi/10.1002/ddr.430020402/abstract>
10. Kulandasamy R, Adhikari AV, Stables JP. Synthesis and anticonvulsant activity of some new bishydrazones derived from 3,4-dipropoxythiophene. *Eur. J. Med. Chem.* 2009; 44(9):3672-9.
<http://www.ncbi.nlm.nih.gov/pubmed/19286282>
11. Kulandasamy R, Adhikari AV, Stables JP. A new class of anticonvulsants possessing 6 Hz activity: 3,4-dialkyloxy thiophene bishydrazones. *Eur. J. Med. Chem.* 2009;44(11):4376-84.
<http://www.ncbi.nlm.nih.gov/pubmed/19556038>
12. Kumar V. Topological models for the prediction of tyrosine kinase inhibitory activity of 4-anilinoquinazolines. *Bull. Pharm. Res.* 2011;1(2):53-9.
<http://www.appconnect.in/wp-content/uploads/2012/01/ReprintBPR023.pdf>
13. Lochyński S, Kuldo J, Frackowiak B, Holband J, Wójcik G. Stereochemistry of terpene derivatives. Part 2: Synthesis of new chiral amino acids with potential neuroactivity. *Tetrahedron-Asymmetr.* 2000;11(6):1295-1302.
<http://www.sciencedirect.com/science/article/pii/S0957416600000586>
14. Pandeya SN, Mishra V, Singh PN, Rupainwar DC. Anticonvulsant activity of thioureido derivatives of acetophenone semicarbazone. *Pharmacol. Res.* 1998;37(1):17-22.
<http://www.ncbi.nlm.nih.gov/pubmed/9503475>
15. Pandeya SN, Raja AS, Stables JP. Synthesis of isatin semicarbazones as novel anticonvulsants - role of hydrogen bonding. *J. Pharm. Pharmaceut. Sci.* 2002;5(3):266-71.
[http://www.ualberta.ca/~csp/s/JPPS5\(3\)/S.Pandeya/isatin.htm](http://www.ualberta.ca/~csp/s/JPPS5(3)/S.Pandeya/isatin.htm)
16. Sharma V, Wakode SR, Lather V, Mathur R, Fernandes MX. Structure based rational drug design of selective phosphodiesterase-4 ligands as anti-inflammatory molecules. *Bull. Pharm. Res.* 2011; 1(2):33-40.
<http://www.appconnect.in/wp-content/uploads/2012/01/ReprintBPR020.pdf>
17. Souza MF, Santos FA, Rao VSN, Sidrim JJC, Matos FJA, Machedo MIL, Silveira ER. Antinociceptive, anticonvulsant and antibacterial effects of the essential oil from the flower heads of *Egletes viscosa* L. *Phytother. Res.* 1998;12(1):28-31.
[http://onlinelibrary.wiley.com/doi/10.1002/\(SICI\)1099-1573\(19980201\)12:1%3C28::AID-PTR183%3E3.0.CO;2-U/abstract](http://onlinelibrary.wiley.com/doi/10.1002/(SICI)1099-1573(19980201)12:1%3C28::AID-PTR183%3E3.0.CO;2-U/abstract)
18. Storici P, Capitani G, De Biase D, Moser M, John RA, Jansonius JN, Schirmer T. Crystal structure of GABA-aminotransferase, a target for antiepileptic drug therapy. *Biochemistry* 1999;38(27):8628-34.
<http://pubs.acs.org/doi/abs/10.1021/bi990478j>

19. Storici P, De Biase D, Bossa F, Bruno S, Mozzarelli A, Penneff C, Silverman RB, Schirmer T. Structures of gamma-aminobutyric acid (GABA) aminotransferase, a pyridoxal 5'-phosphate, and [2Fe-2S] cluster-containing enzyme, complexed with gamma-ethynyl-GABA and with the antiepilepsy drug vigabatrin. *J. Biol. Chem.* 2004;279(1):363-73.
<http://www.ncbi.nlm.nih.gov/pubmed/14534310>
20. Toney MD, Pascarella S, De Biase D. Active site model for gamma-aminobutyrate aminotransferase explains substrate specificity and inhibitor reactivities. *Protein Sci.* 1995;4(11):2366-74.
<http://www.ncbi.nlm.nih.gov/pubmed/8563634>
21. Unverferth K, Engel J, Höfgen N, Rostock A, Günther R, Lankau HJ, Menzer M, Rolfs A, Liebscher J, Müller B, Hofmann H-J. Synthesis, anticonvulsant activity, and structure-activity relationships of sodium channel blocking 3-aminopyrroles. *J. Med. Chem.* 1998;41(1):63-73.
<http://www.ncbi.nlm.nih.gov/pubmed/9438023>
22. Yogeewari P, Sriram D, Thirumurugan R, Raghavendran JV, Sudhan K, Pavana RK, Stables J. Discovery of N-(2,6-dimethylphenyl)-substituted semicarbazones as anticonvulsants: hybrid pharmacophore-based design. *J. Med. Chem.* 2005;48(20):6202-11.
<http://www.ncbi.nlm.nih.gov/pubmed/16190747>

