SUPPORTING INFORMATION

Design, Synthesis, In Vitro and In Silico Studies of New Thiazolylhydrazine-Piperazine Derivatives as Selective MAO-A Inhibitors

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Figure S2. ¹³C-NMR spectra of compound 1

Formula Predictor Report - CO-B_02.lcd



Figure S3. HRMS spectra of compound 1



Figure S5. ¹³C-NMR spectra of compound 2

Formula Predictor Report - CO-A_01.lcd

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Figure S6. HRMS spectra of compound 2



Figure S7. ¹H-NMR spectra of compound 3a



Figure S8. ¹³C-NMR spectra of compound 3a

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Figure S9. HRMS spectra of compound 3a



Figure S10. ¹H-NMR spectra of compound 3b



Figure S11. ¹³C-NMR spectra of compound 3b

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Figure S12. HRMS spectra of compound 3b



Figure S13. ¹H-NMR spectra of compound 3c



Figure S14. ¹³C-NMR spectra of compound 3c

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Figure S15. HRMS spectra of compound 3c



Figure S16. 1H-NMR spectra of compound 3d



Figure S17. ¹³C-NMR spectra of compound 3d

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Figure S18. HRMS spectra of compound 3d



Figure S19. ¹H-NMR spectra of compound 3e



Figure S20. ¹³C-NMR spectra of compound 3e

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Figure S21. HRMS spectra of compound 3e



Figure S22. ¹H-NMR spectra of compound 3f



Figure S23. ¹³C-NMR spectra of compound 3f

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Figure S24. HRMS spectra of compound 3f



Figure S25. 1H-NMR spectra of compound 3g



Figure S26. ¹³C-NMR spectra of compound 3g

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Figure S27. HRMS spectra of compound 3g



Figure S28. 1H-NMR spectra of compound 3h



Figure S29. ¹³C-NMR spectra of compound 3h

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Figure S30. HRMS spectra of compound 3h



Figure S31. ¹H-NMR spectra of compound 3i



Figure S32. ¹³C-NMR spectra of compound 3i

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Figure S33. HRMS spectra of compound 3i



Figure S34. ¹H-NMR spectra of compound 3j



Figure S35. ¹³C-NMR spectra of compound 3j

Formula Predictor Report - CO-14_13.lcd



Figure S36. HRMS spectra of compound 3j





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1.00 Hz

1.40

/2 SI SF NOW SSB LB CB CB CB

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Figure S39. HRMS spectra of compound 3k



Figure S40. 1H-NMR spectra of compound 31



Figure S41. ¹³C-NMR spectra of compound 31

Formula Predictor Report - CO-11_10.lcd



Figure S42. HRMS spectra of compound 31