

Supplementary Materials

Synthesis and Investigation of the Analgesic Potential of Enantiomerically Pure Schiff Bases: A Mechanistic Approach

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S-Schiff Bases

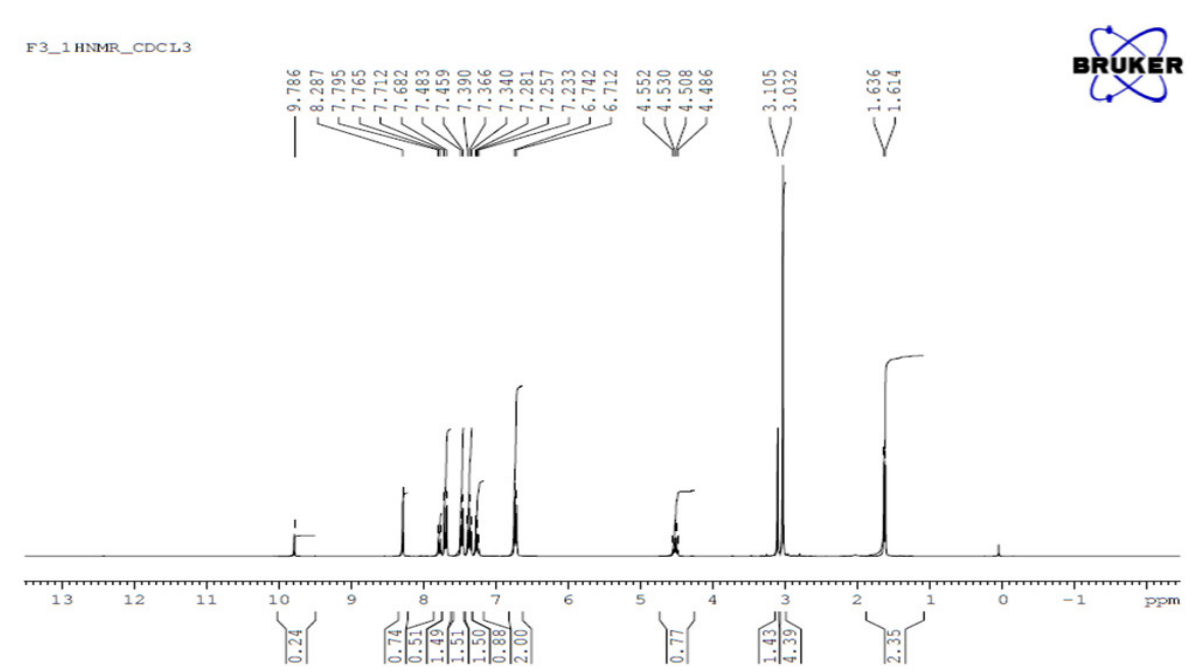


Figure S1. HNMR spectra of (S,E)-N,N-dimethyl-4-(((1-phenylethyl)imino)methyl)aniline (H1)

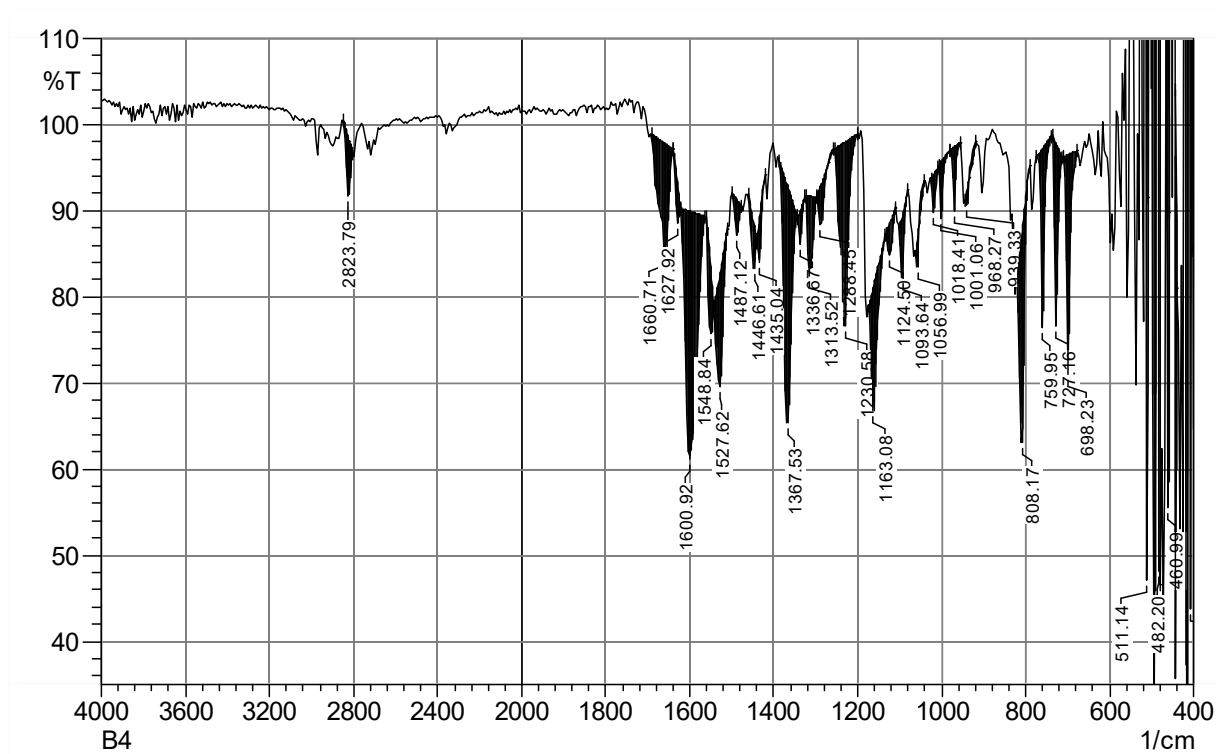


Figure S2. IR spectra of (S,E)-N,N-dimethyl-4-(((1-phenylethyl)imino)methyl)aniline (**H1**)

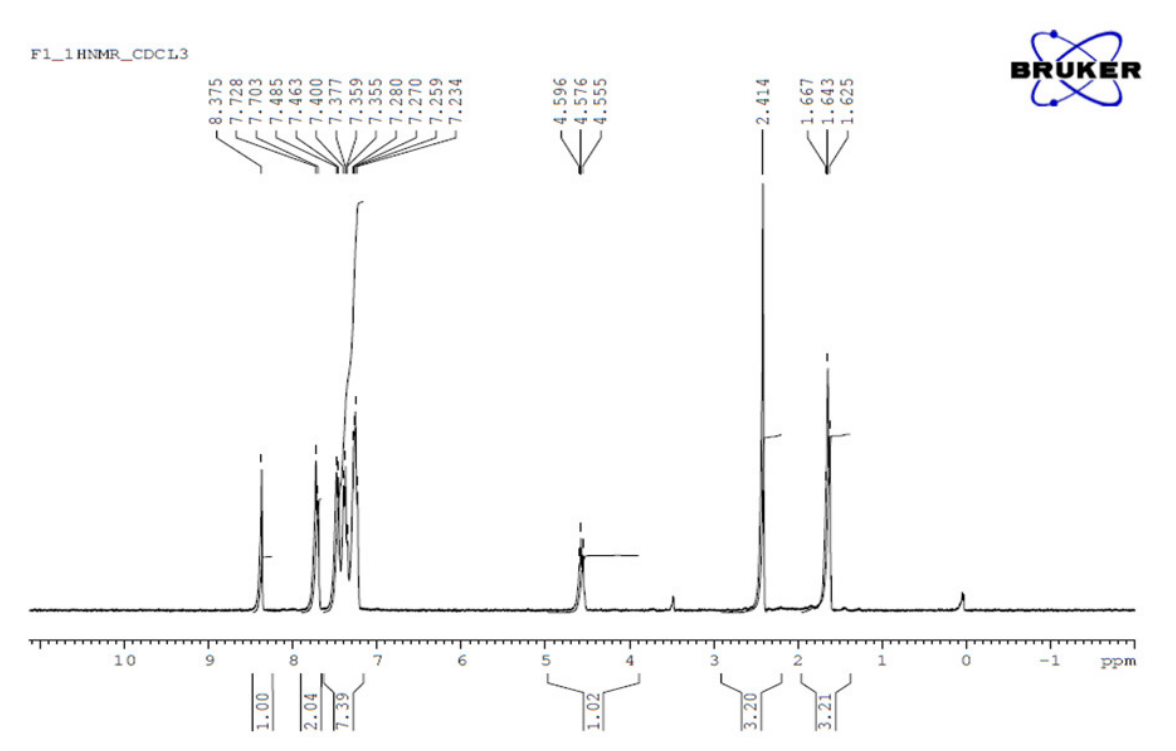


Figure S3. HNMR spectra of (S,E)-N-(4-methylbenzylidene)-1-phenylethanamine (**H2**)

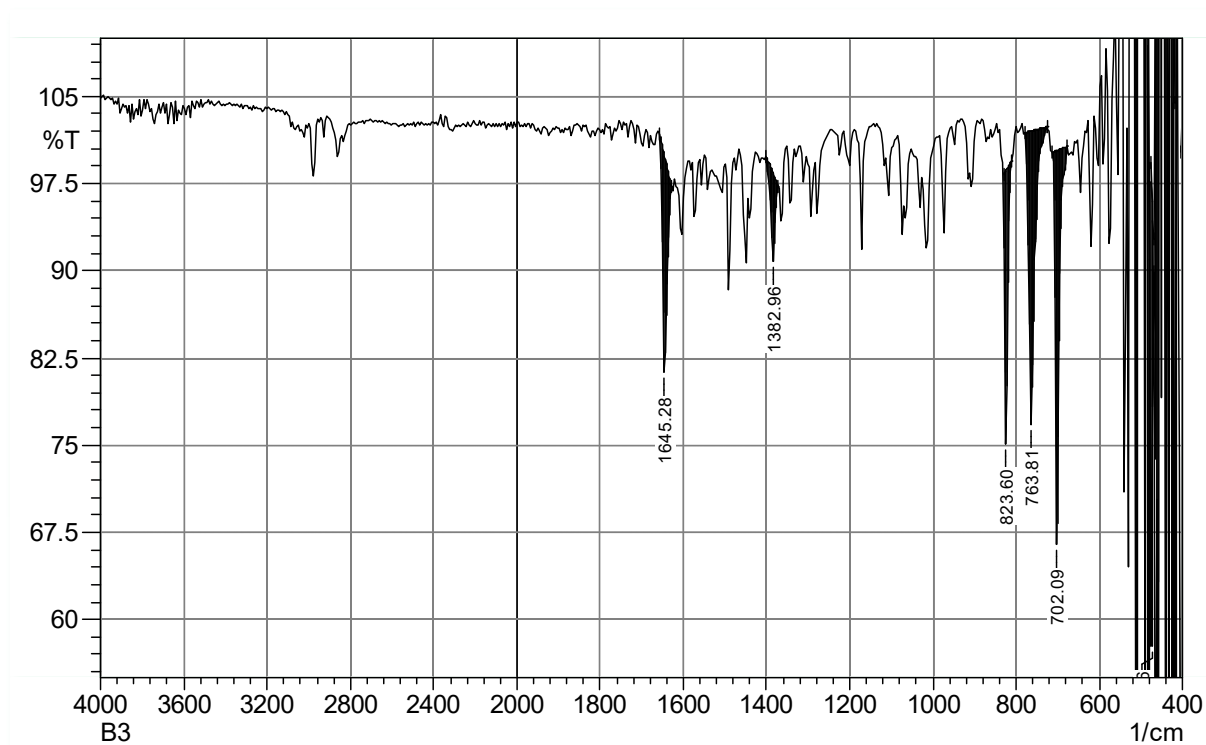


Figure S4. IR spectra of (S,E)-N-(4-methylbenzylidene)-1-phenylethanamine (**H2**)

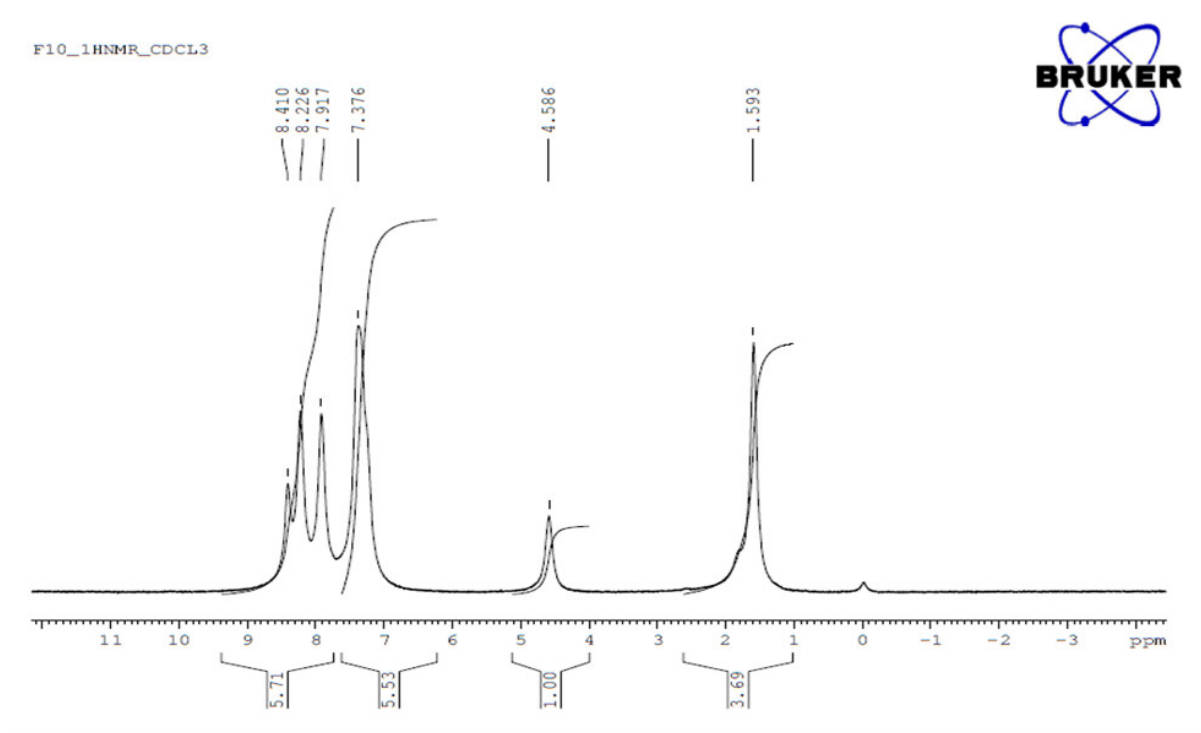


Figure S5. HNMR spectra of *(S,E)*-*N*-(4-nitrobenzylidene)-1-phenylethanamine (**H3**)

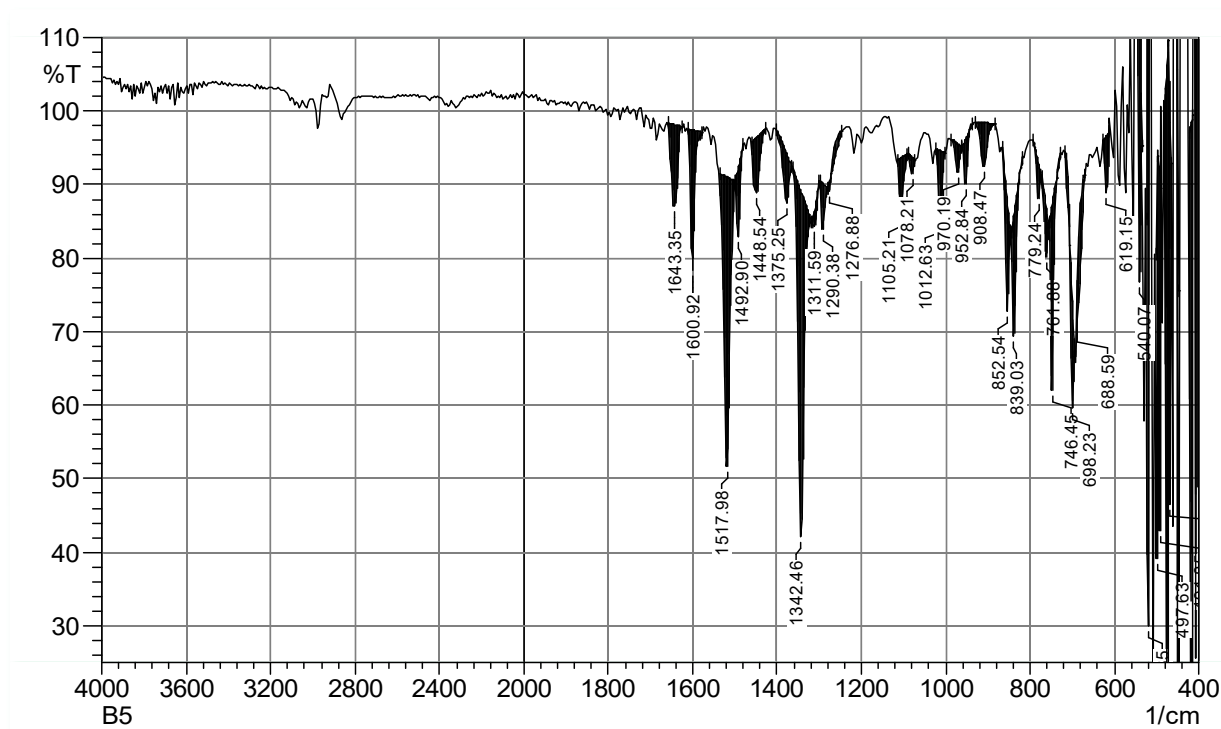


Figure S6. IR spectra of (S,E)-N-(4-nitrobenzylidene)-1-phenylethanamine (**H3**)

R- Schiff Bases

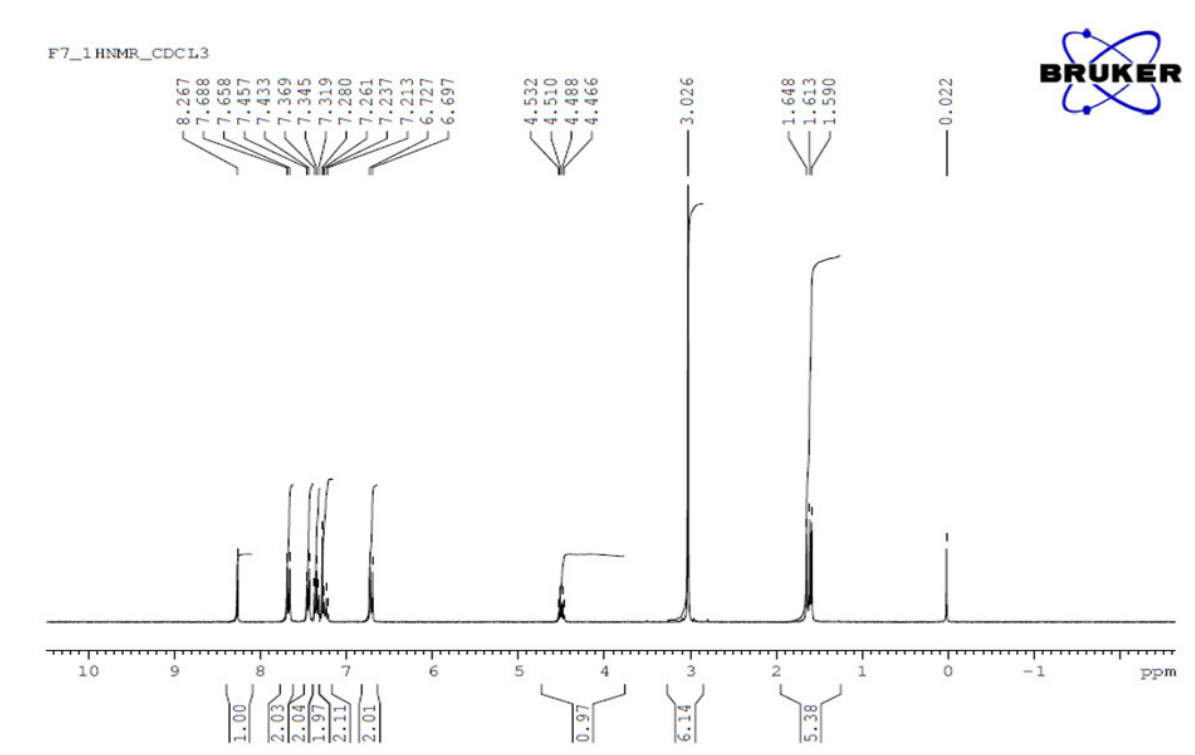


Figure S7. ^1H NMR spectra of *(R,E)*-*N,N*-dimethyl-4-(((1-phenylethyl)imino)methyl)aniline (**H4**)

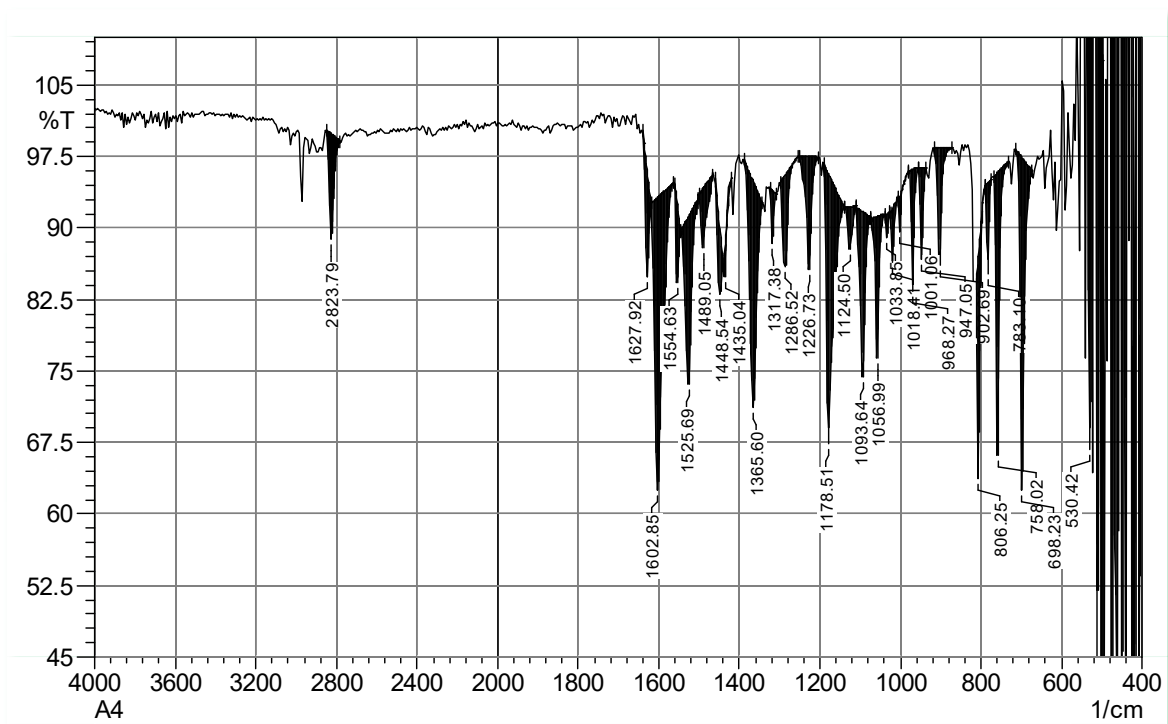


Figure S8. IR spectra of (R,E)-N,N-dimethyl-4-(((1-phenylethyl)imino)methyl)aniline (**H4**)

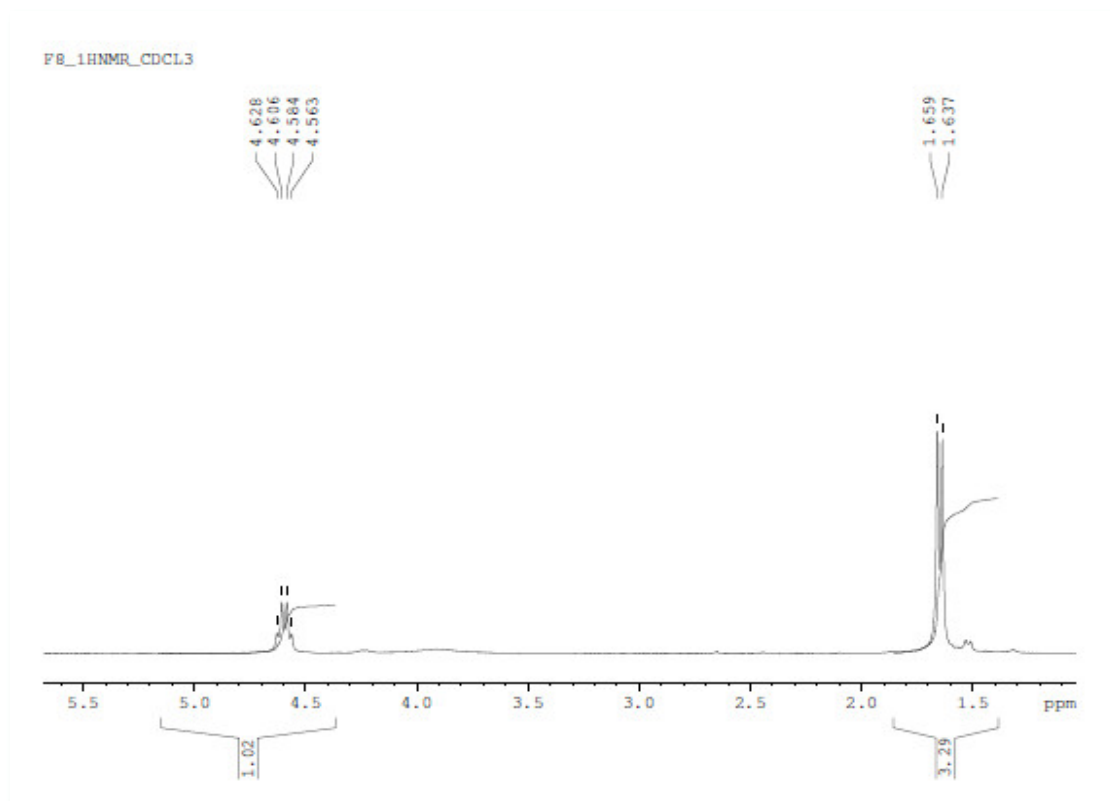


Figure S9. ¹H NMR spectra of (*R,E*)-*N*-(4-methylbenzylidene)-1-phenylethanamine (**H5**)

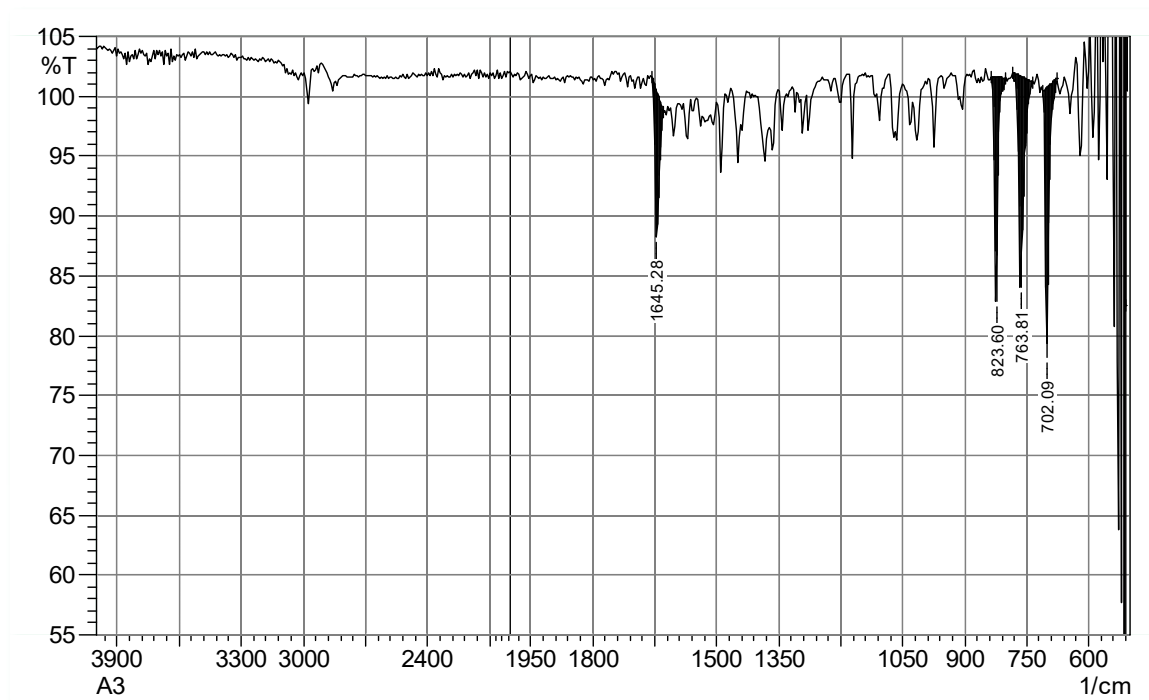


Figure S10. IR spectra of *(R,E)*-*N*-(4-methylbenzylidene)-1-phenylethanamine (**H5**)

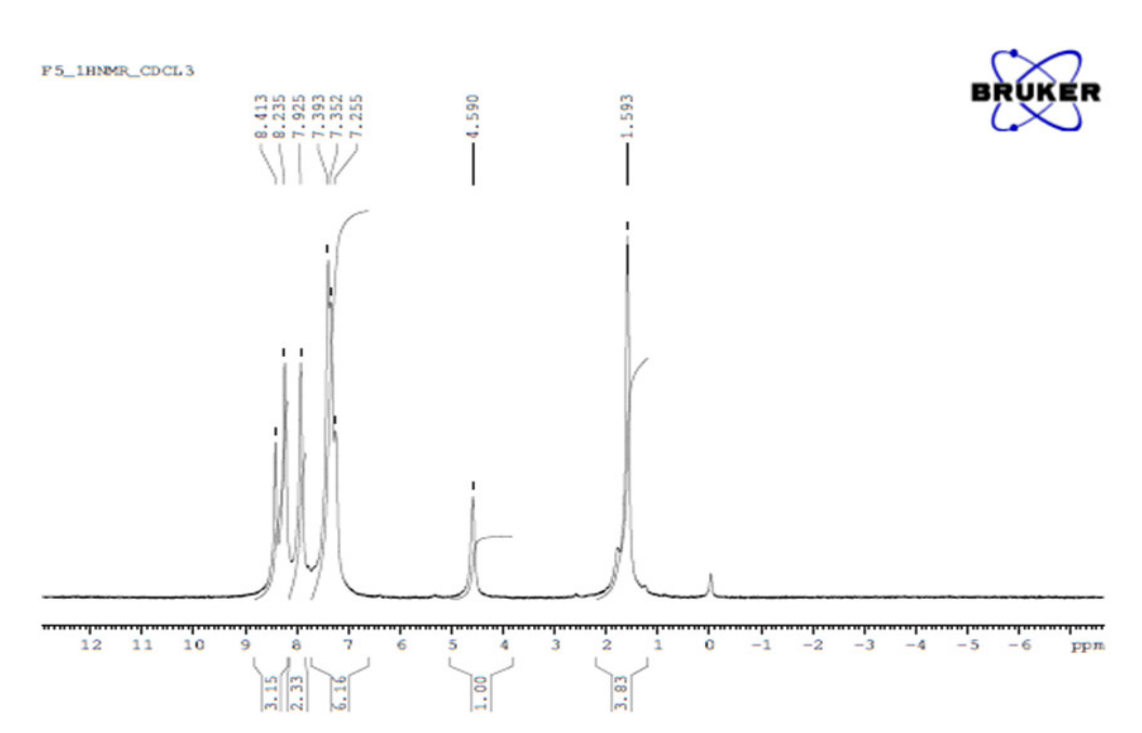


Figure S11. ¹H NMR spectra of (*R,E*)-*N*-(4-nitrobenzylidene)-1-phenylethanamine (**H6**)

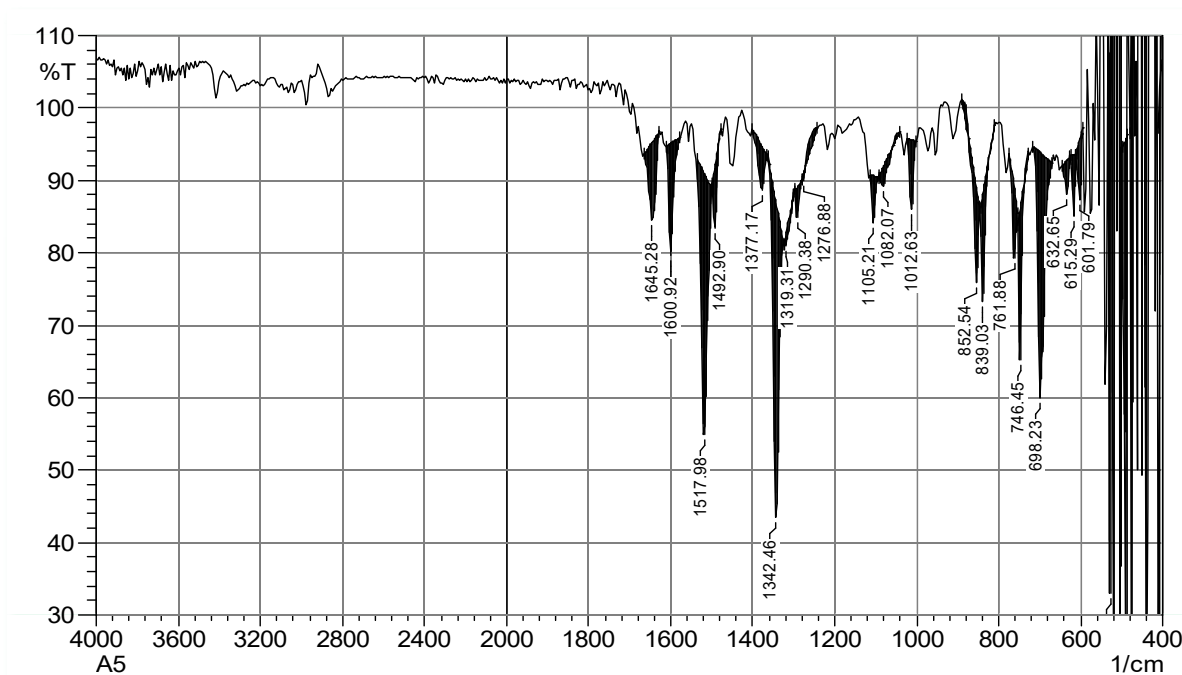


Figure S12. IR spectra of *(R,E)*-N-(4-nitrobenzylidene)-1-phenylethanamine (**H6**)