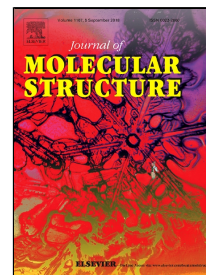


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Synthesis, Characterization and Crystal Structure of 2-(4-hydroxy-phenyl)-ethyl and 2-(4-nitro-phenyl)-ethyl Substituted Benzimidazole Salts: Their Inhibitory Properties Against Carbonic Anhydrase and Acetylcholinesterase



Ayten Behçet, Tuba çağlılar, Duygu Barut Celepci, Aydın Aktaş, Parham Taslimi, Yetkin Gök, Muhittin Aygün, Ruya Kaya, İlhami Gülçin

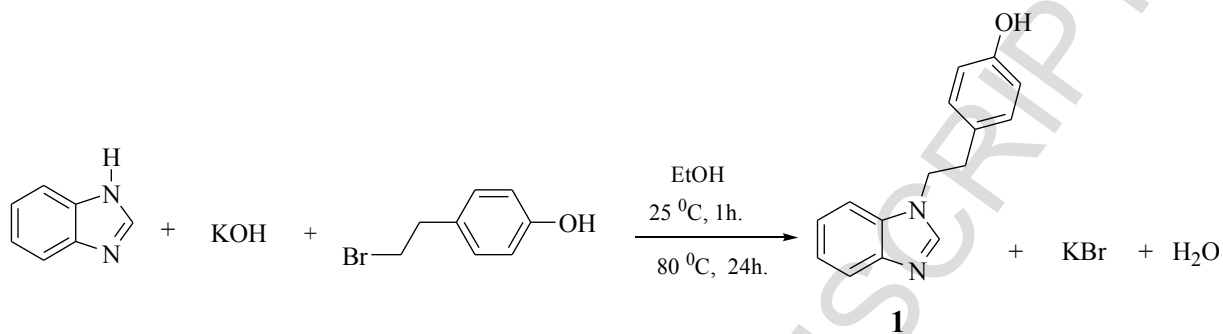
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In this study, a series of novel synthesis of 2-(4-hydroxy-phenyl)-ethyl and 2-(4-nitro-phenyl)-ethyl substituted *N*-heterocyclic carbene (NHC) precursors synthesised and characterized. Also, their inhibition effects were investigated against the carbonic anhydrase I and II isoenzymes, and acetylcholinesterase enzyme.

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