Theoretical study on photoisomerization

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Photoisomerization play an important role in photochromism, functions in life etc.

We present the theoretical study on

- (1) The isomerization of cyclohexadiene (CHD) to hexatriene
- (2) Isomerication of Schiff base retial
- (1) Photo-induced reversible ring-opening/closure of photochromic molecules such as diarylethenes and

fulgides are applicable to molecular switches and memories. Isomerization between CH/thnT-aoies. IsoT-aoi11aeh1rrwih