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Induction and reversal of chirality of heterohelicene by charge transfer interaction in aqueous SDS micelles

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2-Hydroxymethylthieno [3,2-e:4,5-e'] di [1] benzothiophene and 2-(2,4,5,7-tetranitrofluoren-9-ylideneaminoxy) propionic acid in SDS micelles initially formed a 1:2 complex with a negative Cotton effect around 360 nm, which with time or sonication gradually changed to a 1:1 complex giving a reversed Cotton effect.