

Supplementary Information for

The sensing mechanism of a flavone-based ESIPT

fluorescent chemodosimeter for selective recognition

towards fluoride: A theoretical

study

Ran Wei, Lifeng Jia*, Xueli JIA, Hongsheng Zhai*

Ran Wei, Lifeng Jia (✉), Hongsheng Zhai (✉)

Henan Key Laboratory of Infrared Materials & Spectrum Measures and Applications,
School of Physics, Henan Normal University

Xinxiang, Henan 453007, PR China

Email: jialf1984@163.com, hszhai@htu.cn Fax: +86 373 3329297

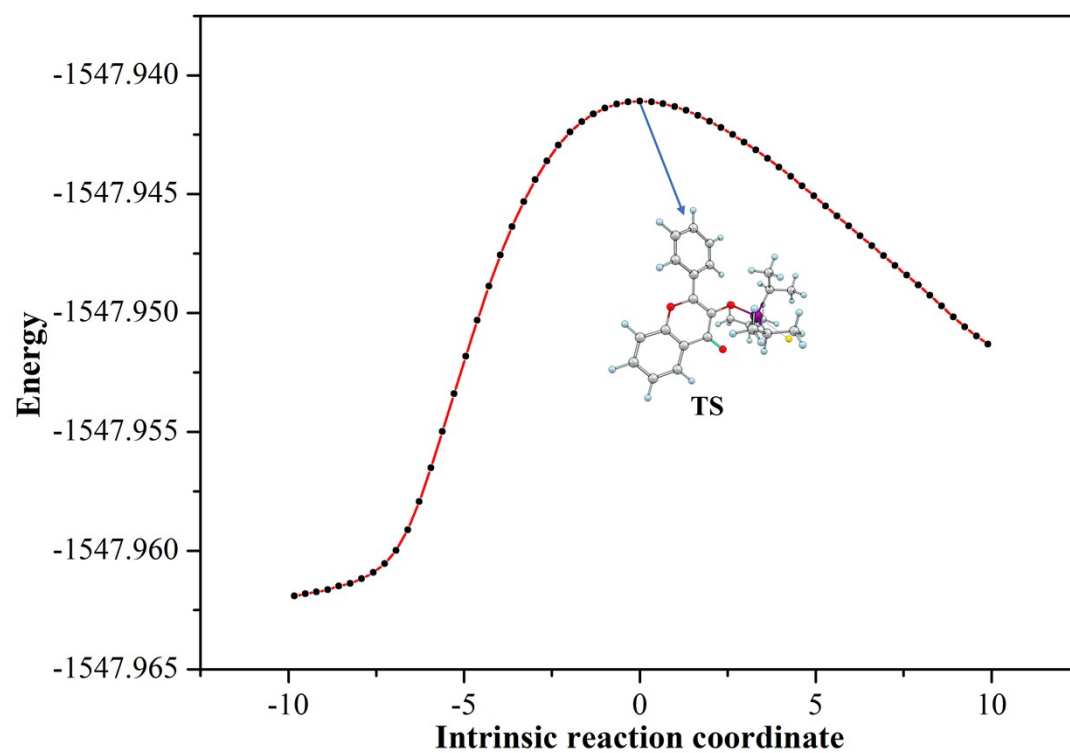


Fig. S1. Energy changes along intrinsic reaction coordinate. TS: transition state.