Supplemental Information

Large-scale structural rearrangement of a serine hydrolase from *Francisella tularensis* facilitates catalysis


Supplemental Tables and Figures

*Supplemental Spectrum:* S2-S5
Supplemental DEPT Spectrum

(±)-N-trans-(3-allyl-2-oxocyclobutyl)-4-methylbenzenesulfonamide (iii) calculated DEPT spectra generated by SpartanPro’10 (Wavefunction) from ab initio density functional level of theory using the RB3LYP functional and the 6-31-G(D) basis sets

DEPT spectrum of (±)-N-trans-(3-allyl-2-oxocyclobutyl)-4-methylbenzenesulfonamide (iii)
(±)-N-cis-(2-allyl-4-oxocyclobutyl)-4-methylbenzenesulfonamide (iv) calculated DEPT spectra generated by SpartanPro’10 (Wavefunction) from ab initio density functional level of theory using the RB3LYP functional and the 6-31-G(D) basis sets

DEPT spectrum of (±)-N-cis-(2-allyl-4-oxocyclobutyl)-4-methylbenzenesulfonamide (iv)
(±)-N-trans-(2-allyl-4-oxocyclobutyl)-4-methylbenzenesulfonamide (14) calculated DEPT spectra generated by SpartanPro’10 (Wavefunction) from ab initio density functional level of theory using the RB3LYP functional and the 6-31-G(D) basis sets.

DEPT spectrum of (±)-N-(trans-2-allyl-4-oxocyclobutyl)-4-methylbenzenesulfonamide (14)
(±)-N-trans-(2-allyl-4-oxocyclobutyl)-4-methylbenzenesulfonamide calculated DEPT spectra generated by SpartanPro’10 from ab initio density functional level of theory using the RB3LYP functional and the 6-31-G(D) basis sets.

(±)-N-cis-(3-allyl-2-oxocyclobutyl)-4-methylbenzenesulfonamide was not detected or isolated.