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# Substituent Effect on Hetero Association of 2-Pyridone Derivatives (2): a Molecular Dynamics Examination 16 pt

(Dept. Chem., Grad. Sch. Sci., Japan Chemical Univ.) ○NIKKA, Ichiro; HARU, Akio; SMITH, Janet P.; CHEN, Myeirin 12 pt, attach ○ before the name of the presenting author)

**Keywords**: Hetero Association; Molecular Dynamics; Substituent Effect;

2-Pyridone Derivatives　within 5 words, 12 pt

Cytochrome P450 is a family of heme enzymes responsible for the monooxygenation of organic molecules. In general, many P450s show high substrate specificity while their catalytic activities are very high. For example, P450cam exclusively hydroxylates d-camphor to 5-exo-d-camphor at a rate of 1,000 turnovers per minute. Cytochrome P450 is a family of heme enzymes responsible for the monooxygenation of organic molecules. In general, many P450s show high substrate specificity while their catalytic activities are very high. For example, P450cam exclusively hydroxylates d-camphor to 5-exo-d-camphor at a rate of 1,000 turnovers per minute. Cytochrome P450 is a family of heme enzymes responsible for the monooxygenation of organic molecules. In general, many P450s show high substrate specificity while their catalytic activities are very high. For example, P450cam exclusively hydroxylates d-camphor to 5-exo-d-camphor at a rate of 1,000 turnovers per minute. within 200 words, 12 pt

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Figures and tables can be included.

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