



Sekce chemie PŘF UK v Praze
zve všechny zájemce na přednášku z cyklu

Quo Vadis Chemie

C-H Functionalization of Adamantane Derivatives



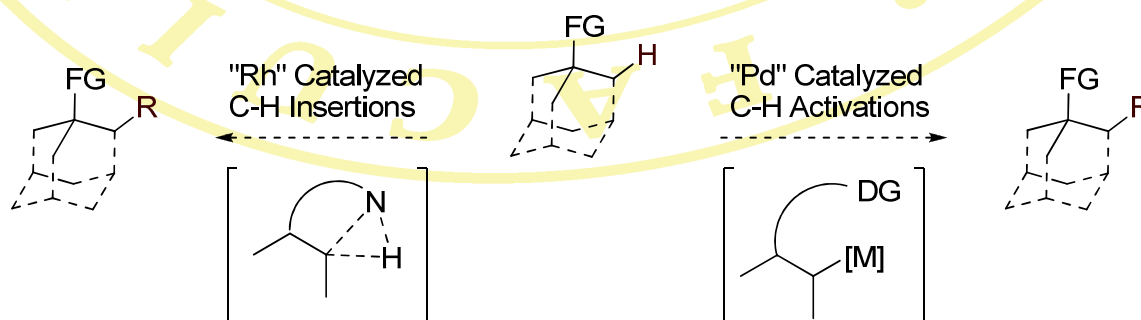
kterou přednese

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dne pondělí 3.4. v 15:00 hod.
v posluchárně CH2, v budově chemických kateder PŘF UK
Hlavova 8, Praha 2

Abstrakt: Two main approaches to 1,2-disubstituted adamantane derivatives from readily available starting materials (alcohols, carboxylic acids, amines) will be presented: A rhodium



acetate catalyzed intramolecular nitrene insertion reaction of sulfonamides and carbamates; and palladium acetate catalyzed arylation/ acetoxylation of C–H bonds. Mechanistic studies of these transformations, postfunctionalizations and application of obtained derivatives will be discussed in detail.