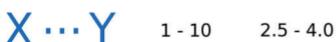


Collect. Czech. Chem. Commun.
2006, 71, 443–531

**The World of Non-Covalent
Interactions: 2006**

Pavel Hobza, Rudolf Zahradník and
Klaus Müller-Dethlefs

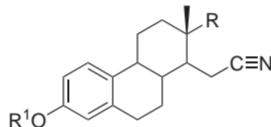
ΔE (kcal/mol) R (Å)



Collect. Czech. Chem. Commun.
2006, 71, 532–542

**The Influence of 17-Oxo- and
17-Hydroxy-16,17-secoestratriene
Derivatives on Estrogen Receptor**

Suzana Jovanović-Šanta, Julijana Petrović,
Marija Sakač, Zorica Žakula, Esma Isenović and
Nevena Ribarac-Stepić

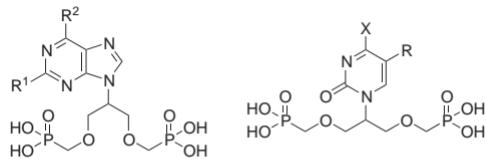


R = CHO or CH_2OH
 $\text{R}^1 = \text{CH}_2\text{C}_6\text{H}_5$ or H

Collect. Czech. Chem. Commun.
2006, 71, 543–566

**Bifunctional Acyclic Nucleoside
Phosphonates. 1. Symmetrical
1,3-Bis[(phosphonomethoxy)-
propan-2-yl] Derivatives of
Purines and Pyrimidines**

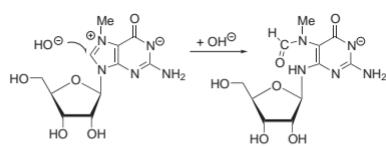
Silvie Vrbovská, Antonín Holý,
Radek Pohl and Milena Masojídková



Collect. Czech. Chem. Commun.
2006, 71, 567–578

**Kinetics of the Imidazolium Ring-Opening
of mRNA 5'-cap Analogs in Aqueous Alkali**

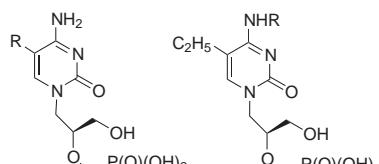
Alicja Stachelska, Zbigniew J. Wieczorek,
Janusz Stępiński, Marzena Jankowska-Anyszka,
Harri Lönnberg and Edward Darżynkiewicz



Collect. Czech. Chem. Commun.
2006, 71, 579–594

Preparation of C-5 Substituted Cidofovir Derivatives

Marcela Krečmerová,
Milena Masojídková and
Antonín Holý



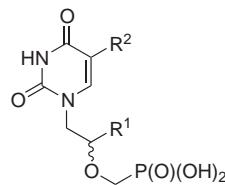
R = CH₃, C₂H₅, COCH₃, C≡CH

R =
CH₂CH₂OH, CH₂CH=CH₂,
CH₂CH₂N(CH₃)₂

Collect. Czech. Chem. Commun.
2006, 71, 595–624

Syntheses of Base and Side-Chain Modified Pyrimidine 1-[2-(Phosphono-methoxy)propyl] Derivatives as Potent Inhibitors of Thymidine Phosphorylase (PD-ECGF) from SD-Lymphoma

Karel Pomeisl, Ivan Votruba,
Antonín Holý and Radek Pohl



R¹ = CH₂OH, CH₂OMe, CH₂N₃, CH₂NH₂,

CH₂N⁺(CH₃)₃, CH₂F, CF₃, H

R² = Me, Et, F