

**ARKIVOC Volume 2011**

**Part (vi): Commemorative Issue in Honor of Prof. Heinz Heimgartner on the occasion of his 70th anniversary**

Facilitators: Peter Wipf and Reinhard Neier

Scientific Editor: Jacques Royer

**1. A Tribute to Prof. Heinz Heimgartner (HH-1451VT)**

Full Text: [PDF \(196K\)](#)

**pp. 1 - 9**

published Dec 3 2010;

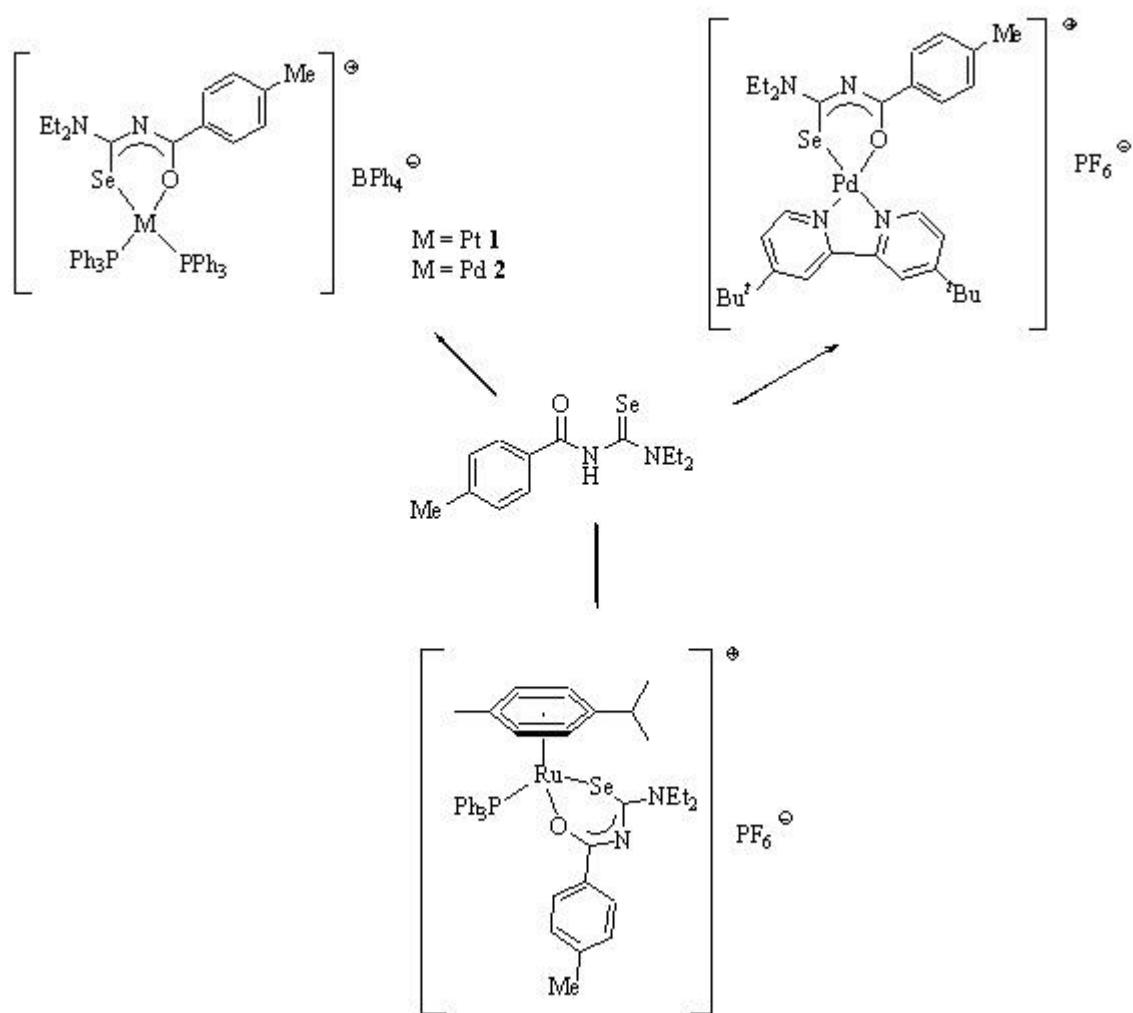
**2. Synthesis and structural studies of some selenoureas and their metal complexes (HH-5808VP)**

*Anja Molter, Jörg Rust, Christian W. Lehmann and Fabian Mohr*

Full Text: [PDF \(558K\)](#)

Supplementary Material: [PDF \(163K\)](#)

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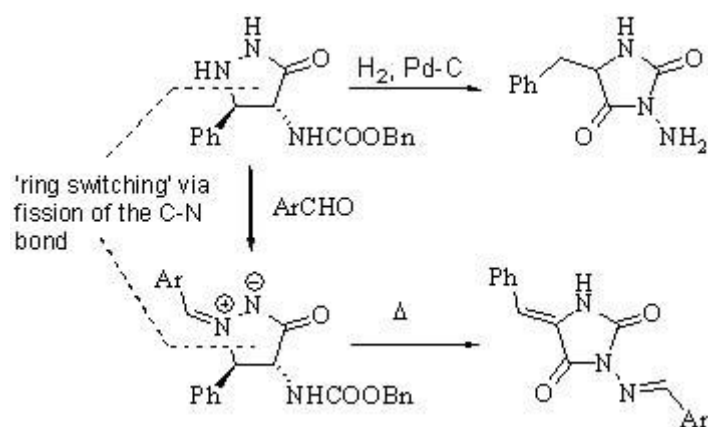
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### 3. Serendipity at work: unexpected ring transformations of 4 aminopyrazolidin-3-ones into *N*-aminohydantoins (HH-5749VP)

Ana Novak, Jure Bezenšek, Uroš Grošelj, Amalija Golobič, Branko Stanovnik and Jurij Svete

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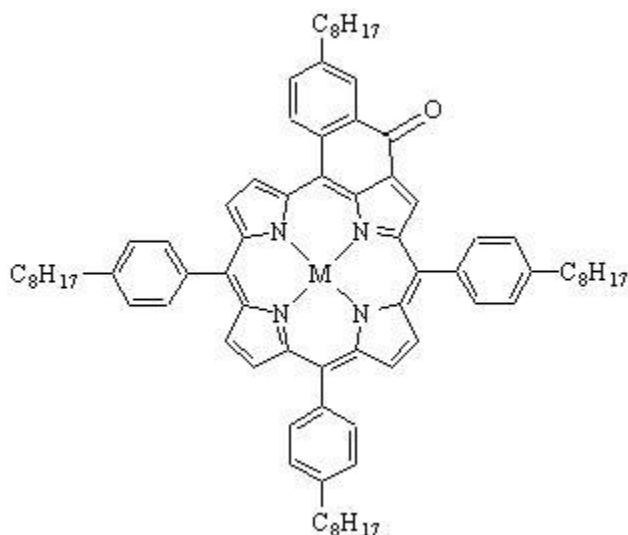
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#### 4. Synthesis and characterization of $\pi$ -extended porphyrins as potential precursors for the formation of columnar mesophases: Design principles for columnar mesophases need revision? (HH-5647VP)

Beat Herzog and Reinhard Neier

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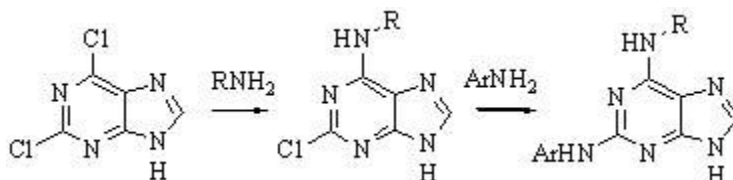
received Jul 19 2010; accepted Sep 20 2010; published Dec 6 2010;

#### 5. Synthesis and screening of 2,6-diamino-substituted purine derivatives as potential cardiomyogenesis inducing agents (HH-5821VP)

Moumita Koley, Xaver KÄ¶nig, Karlheinz Hilber, Michael SchnÄ¼rch, Peter Stanetty and Marko D. Mihovilovic

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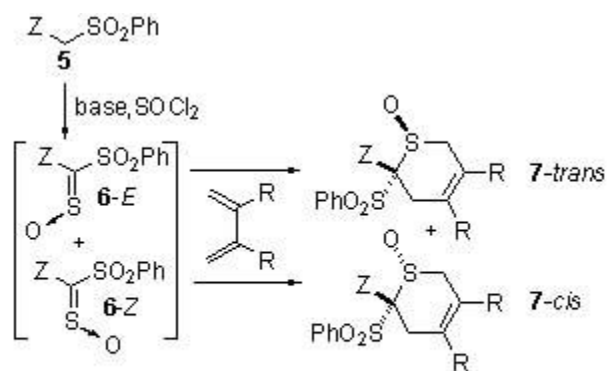
## 6. Hetero-Diels-Alder reactions of new sulfonylsulfines generated from $\alpha$ -substituted methylsulfones

(HH-5686VP)

HÃ©lÃ©ne Dentel, Jean-FranÃ§ois Lohier and Mihaela Gulea

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### 8 examples:

Z = (iPrO)<sub>2</sub>P(O), CO<sub>2</sub>Et, N-carbonyl-oxazolidinone, 2-Py, 2-Qui; R = Me, H

X-ray structures: *cis*-7b' (Z = CO<sub>2</sub>Et, R = H) and *trans*-7d (Z = 2-Py, R = Me)

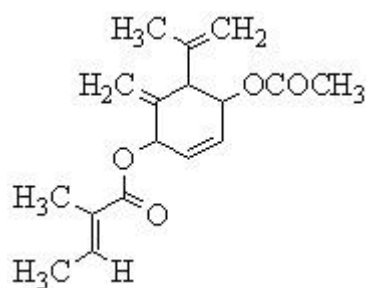
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## 7. New constituents of *Baccharis genistelloides* (Lam.) Pers. (HH-5740VP)

Lothar Hennig, Gonzalo Malca Garcia, Athanassios Giannis and Rainer W. Bussmann

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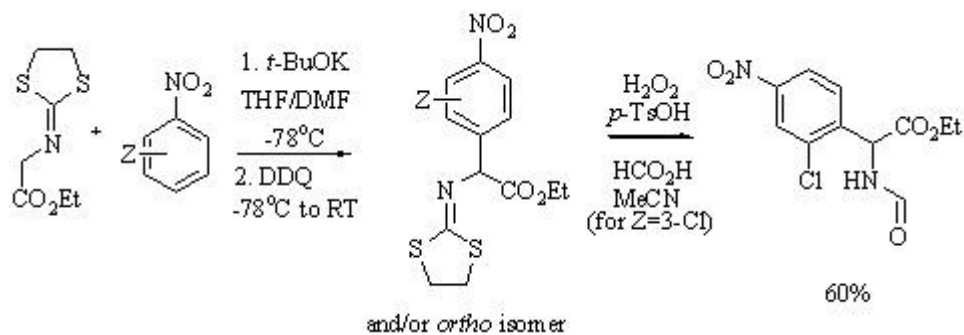
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### 8. Synthesis of nitroaryl derivatives of glycine *via* oxidative nucleophilic substitution of hydrogen in nitroarenes (HH-5827VP)

Mieczysław Mąkosza, Mikołaj Chromiński and Daniel Sulikowski

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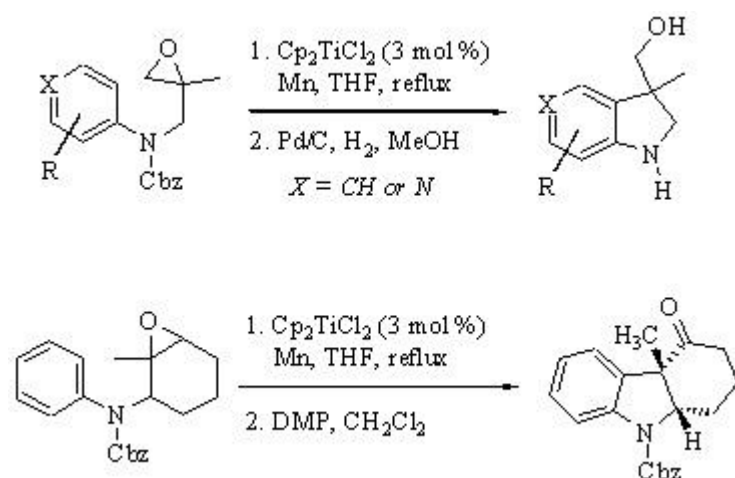
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### 9. Titanocene(III)-catalyzed conversion of *N*-(epoxyalkyl)anilines into indolines (HH-5955VP)

John P. Maciejewski and Peter Wipf

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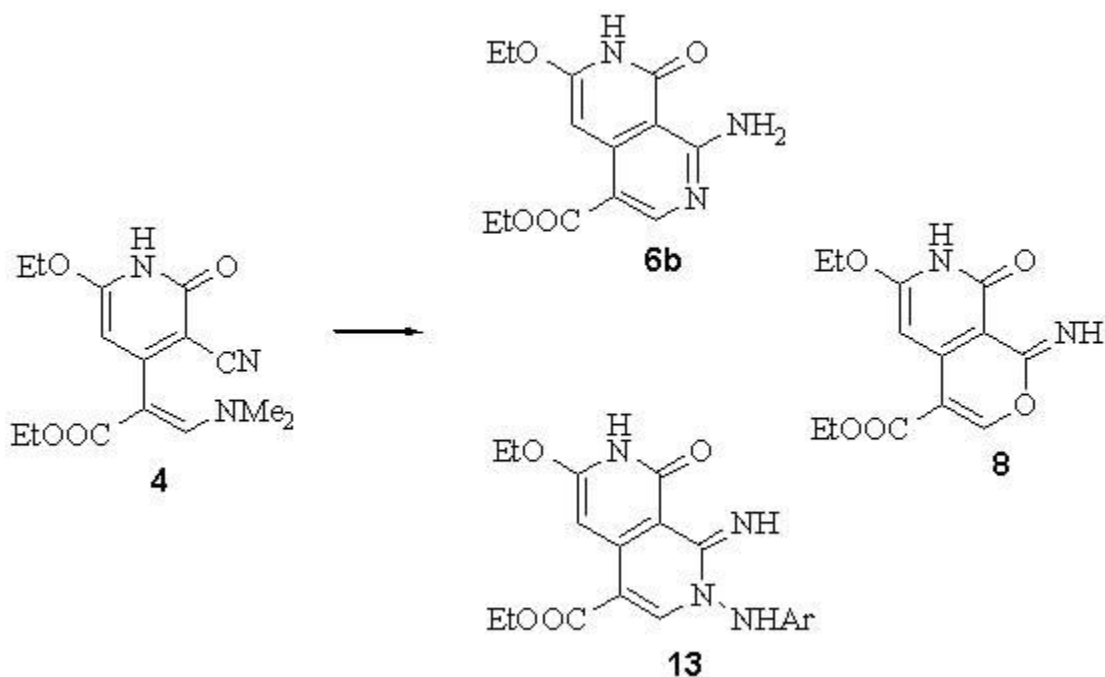
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### 10. Enamino esters in the synthesis of heterocyclic systems. Transformation of diethyl acetone-1,3-dicarboxylate into poly-substituted 1,2,7,8-tetrahydro-2,7-naphthyridine-4-carboxylates (HH-6006VP)

*Klemen Pirnat, Petr Āšimunek, UroĀš UrĀšič, Jure BezenĀšek, UroĀš GroĀšelj, Amalija Golobič, Anton Meden, Jurij Svete and Branko Stanovnik*

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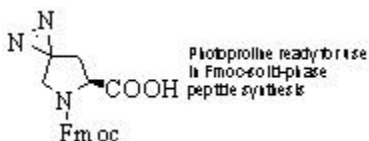
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### 11. Synthesis and application of photoproline - a photoactivatable derivative of proline (HH-5938VP)

*Benjamin Van der Meijden and John A. Robinson*

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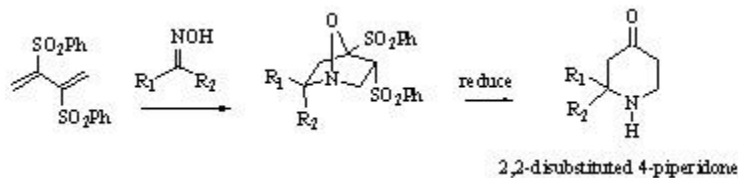
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### 12. A conjugate addition-dipolar cycloaddition approach towards the synthesis of various alkaloids (HH-5653VR)

*Andrew C. Flick and Albert Padwa*

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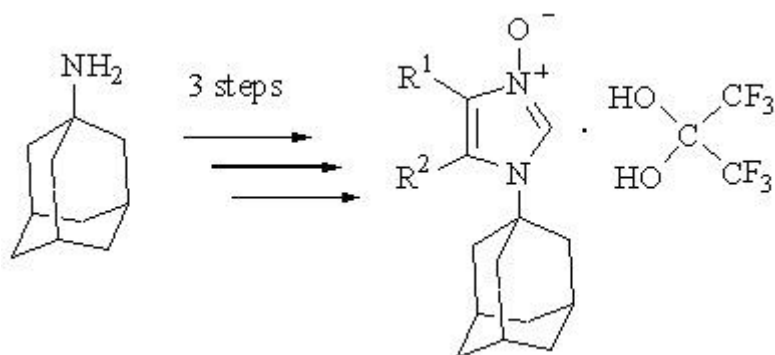
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### 13. First synthesis of the N(1)-bulky substituted imidazole 3-oxides and their complexation with hexafluoroacetone hydrate (HH-5777VP)

*Grzegorz Mlostoń and Marcin Jasiński*

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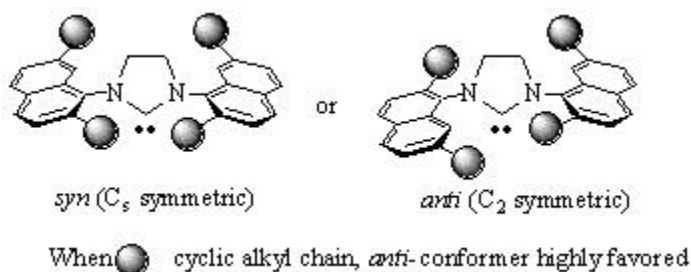
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#### 14. The effect of substituents on the *syn-anti* conformer ratio in naphthyl-based imidazolium salts and their corresponding *N*-heterocyclic carbenes (HH-5805VP)

Michele Gatti, Linglin Wu, Emma Drinkel, Fiona Gaggia, Sascha Blumentritt, Anthony Linden and Reto Dorta

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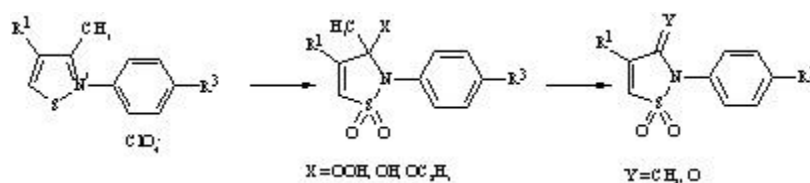
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#### 15. Oxidation of 3,4-dialkyl substituted isothiazolium salts to 1,1-dioxides (HH-5784VP)

Antje Noack, Janine Wolf and Bärbel Schulze

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### 16. Up-scaling aerosol functionalization. Photo-oxchlorination using vacuum ultraviolet radiation (VUV) (HH-5814VP)

José Salas Vicente, Juan López Gejo, Sonja Rothenbacher, Sumalekshmy Sarojiniamma, Eliso Gogritchiani, Michael Wörner, Esther Oliveros and André M. Braun

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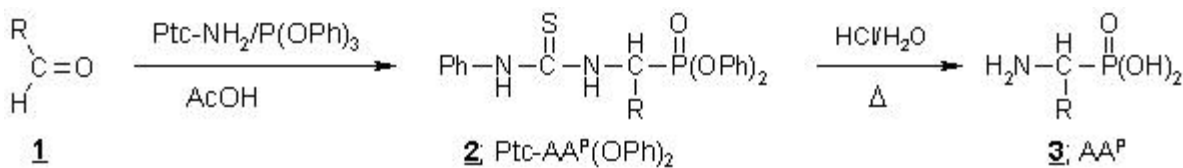
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### 17. Thioureidoalkylphosphonates in the synthesis of 1-aminoalkylphosphonic acids. The Ptc-aminophosphonate method (HH-5910VR)

Marcin H. Kudzin, Zbigniew H. Kudzin and Jozef Drabowicz

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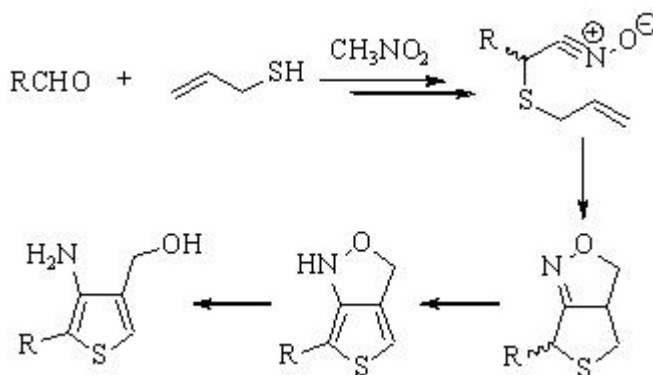
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**18. Synthesis of new 2-substituted 3-amino-4-hydroxymethylthiophenes through intramolecular nitrile oxide cycloaddition processes and N,O-bond cleavage (HH-5960VP)**

*Venerando Pistar , Antonino Corsaro, Maria A. Chiacchio, Graziella Greco, and Paolo Quadrelli*

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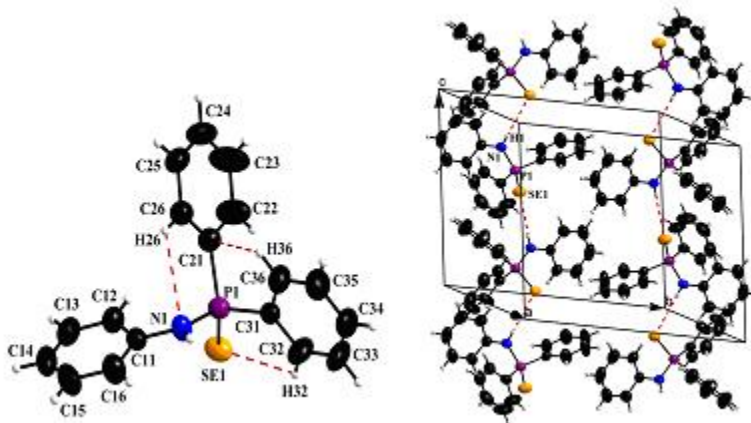
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**19. Phenylamino (diphenyl)phosphine selenide: supramolecular aggregation via weak N-H...Se, C-H...  and  ...  interactions (HH-5969VP)**

*Malgorzata Szyrej, Wanda Wieczorek and Lucyna A. Wozniak*

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