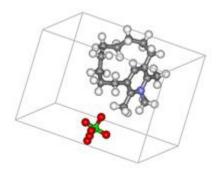
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1. 1,2,6-Trimethyl-3,5-nonamethylenepyridinium perchlorate. Crystal structure and molecular mechanics calculations for *ansa*-[9]-*meta*-cyclophanes (02-341DP)

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2. The synthesis of new N^3 -aryl- N^1 -(2-phenylquinazolin-4-yl)thioureas (02-283AP)

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5a: R1 = R2 = H

b: R1 = H; R2 = t-Bu

c: R1 = R2 = t-Bu

received Jan 22 2002; accepted Mar 20 2002; published Mar 28 2002;

4. Photocyclization of 3-styrylcyclohex-2-enones to 2,3-dihydro-1*H*-phenanthren-4-ones (02-319DP)

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$$R^2$$
 R^3
 R^4
 R^4
 R^4
 R^4
 R^4
 R^3
 R^3
 R^3

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X = OMs, Y = H

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6. Studies in organic archaeometry IV: analysis of an organic agglutinant used to fix iron-age clay figurines to their base (02-166EP)

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$$R = 0, S, Se = BxOTf$$

$$Ax$$

$$R = 0, S, Se = BxOTf$$

received Mar 23 2001; accepted May 2 2002; published May 10 2002;

8. Three-ring tautomerism of the Δ^2 -isoxazoline - Δ^2 -pyrazoline - 1,3,4-thiadiazine system (02-325EP) Andrei Yu. Ershov, Maksim V. Mokeev, Elena V. Beloborodova and Alexander V. Gribanov Full Text: PDF (41K)

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$$ArNO_2 + LDA \longrightarrow ArNH_2 + ArnH$$

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12. Reductive deuteration of ketones, benzhydrols, α,β -unsaturated ketones, and aryl alkenes by deuterium iodide in acetic acid (02-524CP)

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13. Unambiguous synthesis and spectral characterization of 1,8-dihydroxy-4-methylanthraquinone

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(02-540RR) Petr Zuman

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