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Adolph et al.

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[54] 5-AZA-3,3,7,7-TETRANITRONONANE-1,9-DIOLS AND METHOD OF PREPARATION

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[58] Field of Search 149/92; 560/110, 264, 560/8, 30; 260/465.5 R; 562/512; 564/111, 113, 506; 568/231

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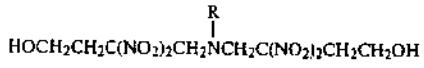
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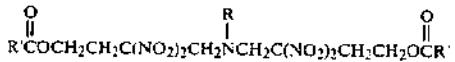
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[57] ABSTRACT

Energetic diols of the formula



wherein R is —H, —NO, —NO₂, —CN, or —CH₂COOH, and diesters of the formula



wherein R is —H, —NO, —NO₂, —CN, —CH₂COOCH₃, —CH₂COOCH₂C(NO₂)₂CH₃, or —CH₂COOCH₂C(NO₂)₃ and R' is an alkyl, fluoroalkyl, chloroalkyl, aryl, fluoroaryl, chloroalkyl, aralkyl, fluoroalkyl, chloroaralkyl, or alkene group.

22 Claims, No Drawings

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