

5,5-dimethoxy-2-phenoxy-1,3,2-dioxaphosphorinane 2-oxide.Autorzy

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Artykuł

Streszczenie

In the title compound, C(11)H(15)O(6)P, the six-membered dioxaphosphorinane ring of the cyclic phosphate triester exists in a distorted chair conformation, with the phenoxy group in an axial position. The phenyl ring and both methoxy groups are in a trans-gauche orientation with respect to the 1,3,2-dioxaphosphorinane ring. In the phosphate group, a significant deformation from the ideal tetrahedral shape is observed. The crystal structure is stabilized by a three-dimensional network of C-H...O interactions.

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