Ortho-halogeno Piedforts

Nikoletta Báthori[a,b], László Bihátsi[b], Petra Bombicz[a], Mátyás Czugler[a], [a]*Institute of Structural Chemistry, Chemical Research Center, Hungarian Academy of Sciences, P.O.Box 17. H-1525, Budapest, Hungary.* [b]*Department of Inorganic Chemistry, Budapest University of Technology and Economics, H-1521, Budapest, Hungary.* E-mail: nikol@chemres.hu

In an effort to explore Piedfort pairing in a systematic way four 2,4,6-tris(*ortho*-halogeno-phenoxy)-[1,3,5]-triazine host molecules were synthesized and their crystal structures were determined. Unexpectedly all such molecules form interlocked *Piedfort*-associates. Thus the two superposed molecules of a *Piedfort*-unit serve as supramolecular *synthon*[1]. We can also clearly see *intramolecular halogen-halogen interactions* which are developed at the external surface of the Piedfort-pair.

The effect of the halogen atom on the Piedfort stacking distances and the dimensions of the halogen synthon will be described in details.

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[1] Czugler M., Weber E., Párkányi L., Korkas P.P., Bombicz P., *Chem. Eur. J.,* 2003**, 9**, 3741-3747.

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