

A New Hydrogen-Bonding Motif with Constituents Bearing Donor and Acceptor Sites 7 Å Apart

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Aryl substituted dipyrromethanes [di(pyrrol-2-yl)-phenyl-methanes] with hydrogen acceptor substituents R in *para* position of the aryl ring [R = CO₂Me, CO₂H, CONH(*i*Pr) and NH₂] located 7 Å apart from the hydrogen donor pyrrole nitrogen atom are shown to self-assemble in the solid state *via* hydrogen bonds to form rings or chains.

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