

Supporting Information

Supramolecular interactions in lead(II) complexes with hydrazido-based ligands

Ghodrat Mahmoudi ¹, Saikat Kumar Seth ², Fedor I. Zubkov ³, Elena López-Torres ⁴, Alessia Bacchi ⁵, Vladimir Stilinović ⁶ and Antonio Frontera ^{7,*}

¹ Department of Chemistry, Faculty of Science, University of Maragheh, P.O. Box 55181-83111, Maragheh, Iran. E-mail: mahmoudi_ghodrat@yahoo.co.uk

² Department of Physics, Jadavpur University, Kolkata 700032, India

³ Organic Chemistry Department, Faculty of Science, Peoples' Friendship University of Russia (RUDN University), 6 Miklukho-Maklaya St., Moscow, 117198, Russian Federation

⁴ Departamento de Química Inorgánica, Facultad de Ciencias, Módulo 07, Universidad Autónoma de Madrid, Ctra. de Colmenar Viejo, Km 15, 28049 Madrid, Spain

⁵ Dipartimento di Scienze Chimiche, della Vita e della Sostenibilità Ambientale, Università di Parma, Viale delle Scienze 11A, 43124 Parma, Italy

⁶ Department of Chemistry, Faculty of Science, University of Zagreb, Horvatovac 102a, HR-10000 Zagreb, Croatia

⁷ Departament de Química, Universitat de les Illes Balears, Ctra. de Valldemossa km 7.5, 07122 Palma de Mallorca (Balears), SPAIN

* Correspondence: Correspondence: ghodratmahmoudi@gmail.com (G.M.); toni.frontera@uib.es (A.F.)

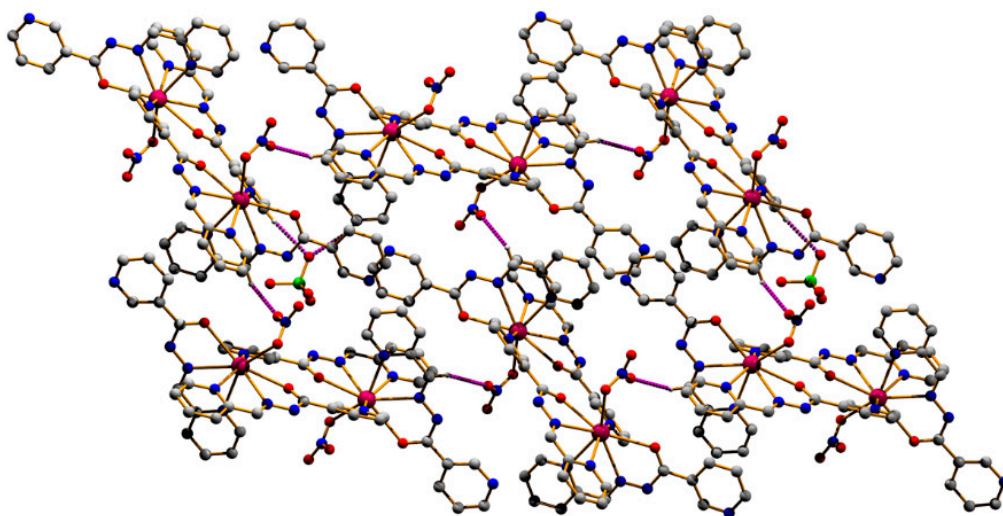


Figure 1. Two-dimensional network in (1) generated through weak C–H···O hydrogen bonds in (011) plane.

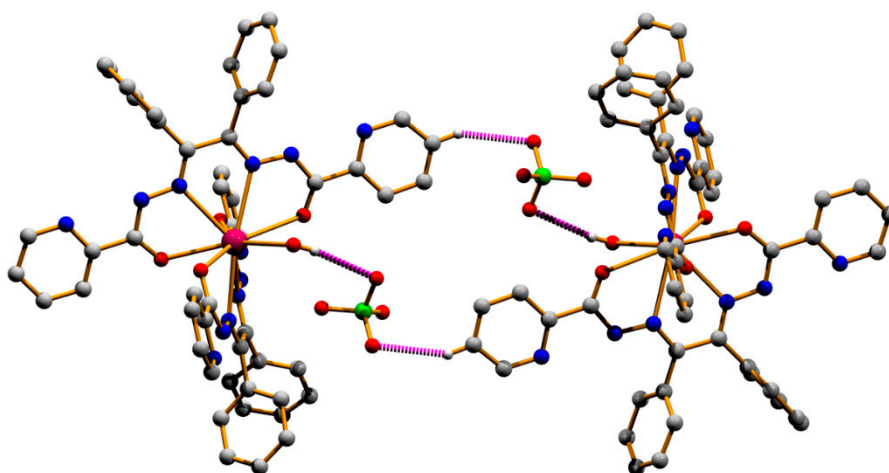


Figure 2. Dimeric ring fragment in (3) generated through O-H...O and C-H...O hydrogen bonds.

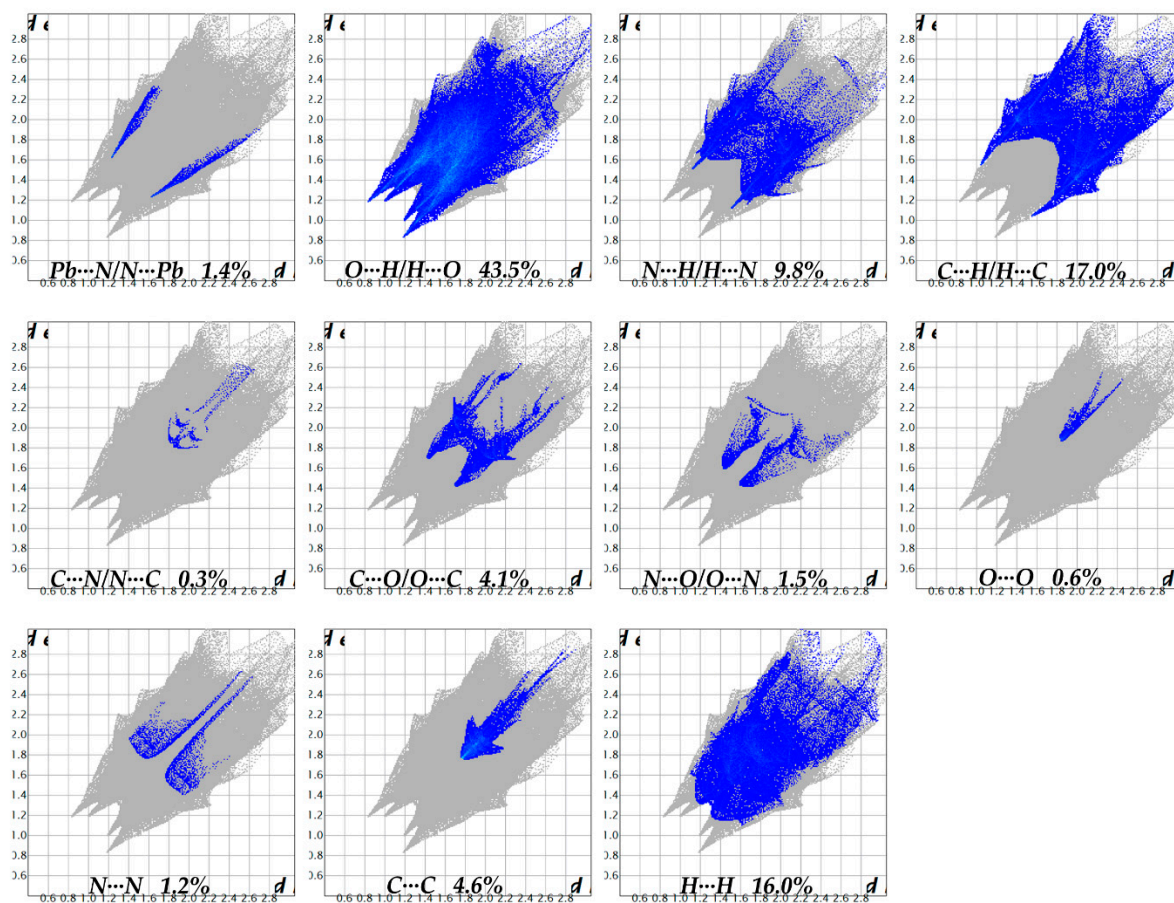


Figure 3. Decomposed fingerprint plots corresponding to various contacts involved within the structure of compound (1).

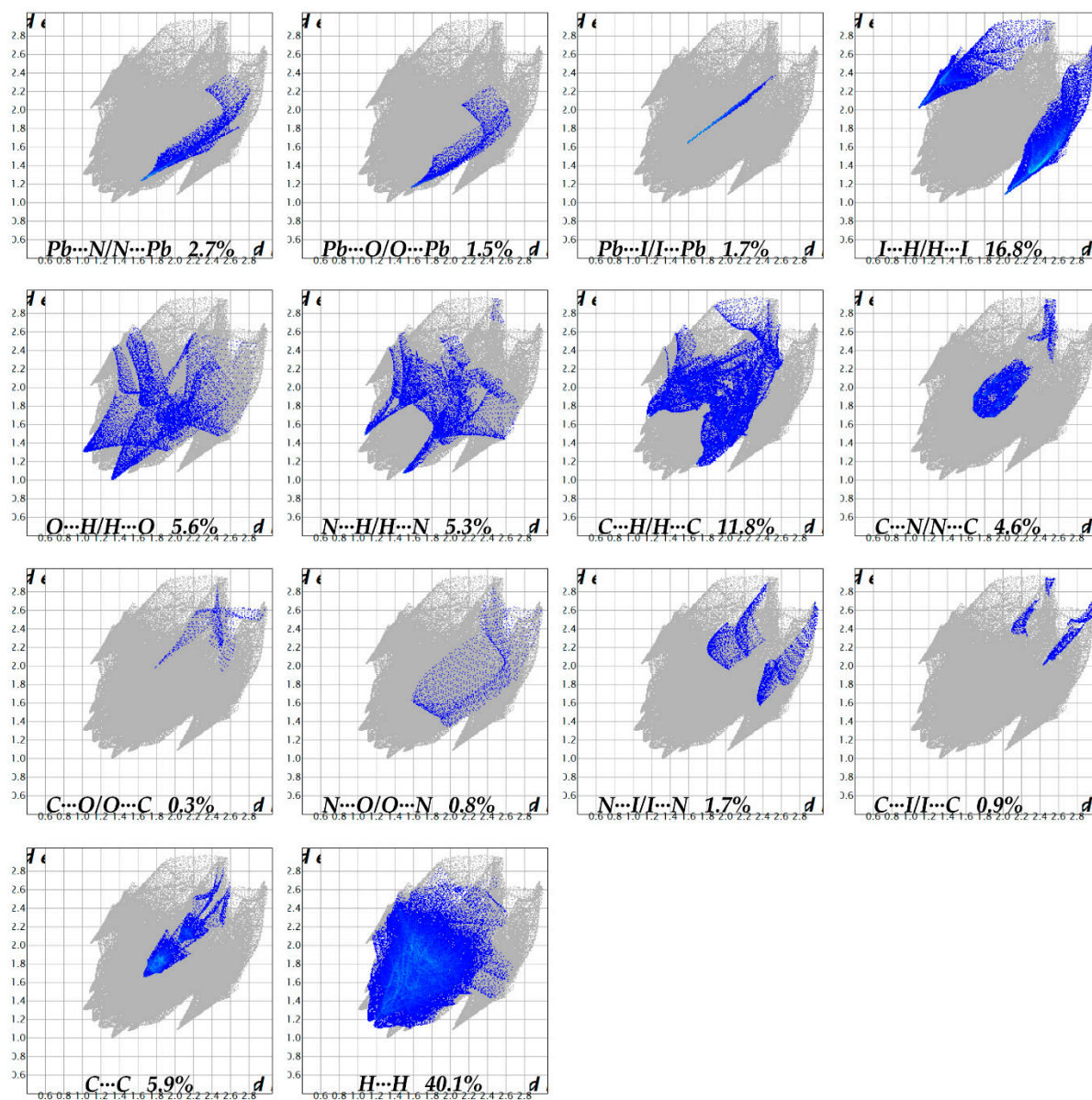


Figure 4. Decomposed fingerprint plots corresponding to various contacts involved within the structure of compound (2).

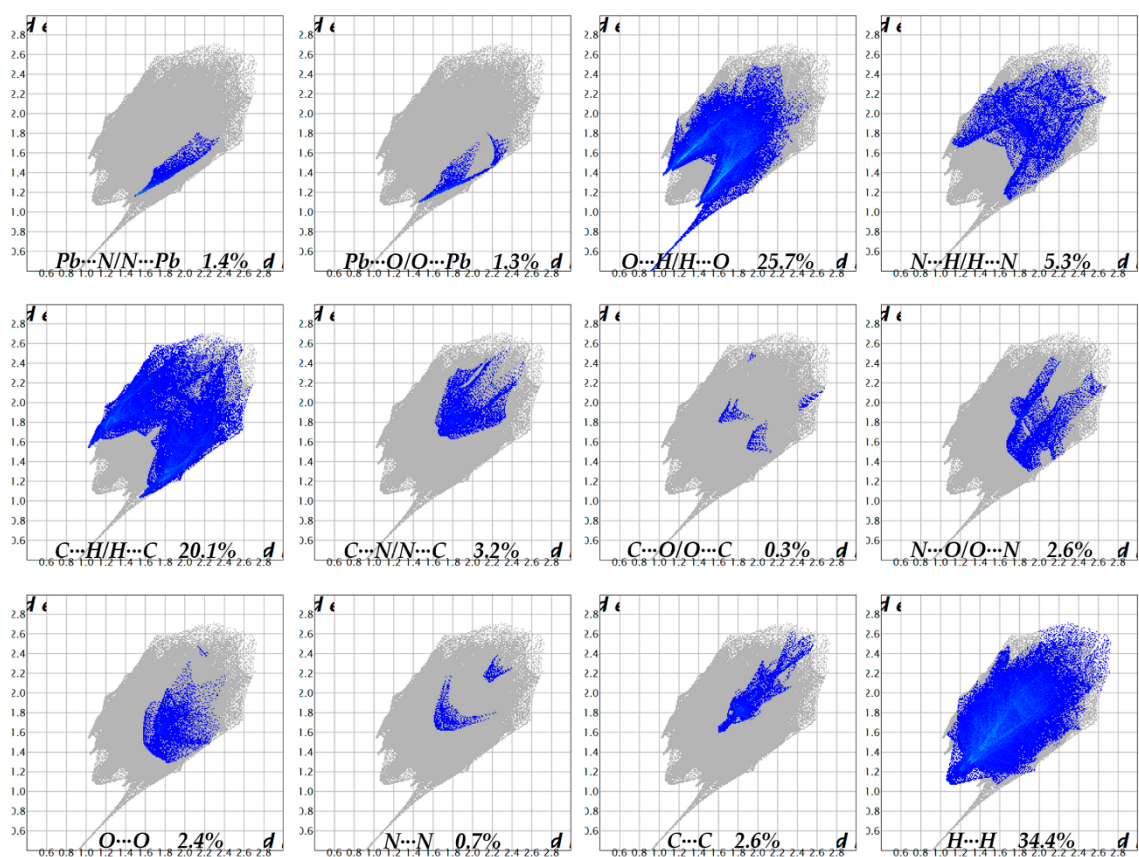


Figure 5. Decomposed fingerprint plots corresponding to various contacts involved within the structure of compound (3).

1. .



© 2019 by the authors. Submitted for possible open access publication under the terms and conditions of the Creative Commons Attribution (CC BY) license (<http://creativecommons.org/licenses/by/4.0/>).