Electronic Supplementary Material for CrystEngComm

Gold…π aryl interactions as supramolecular synthons†

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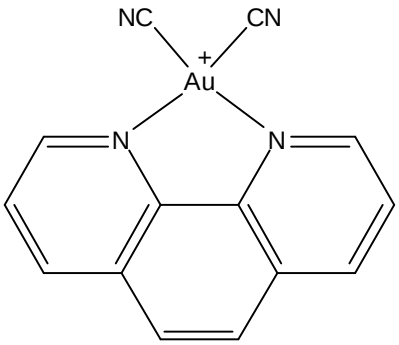
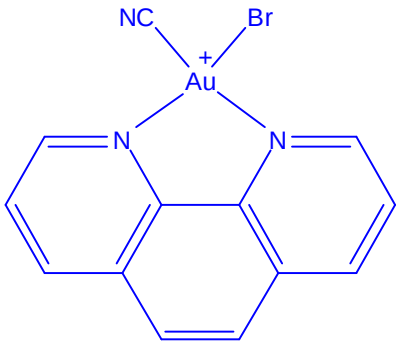
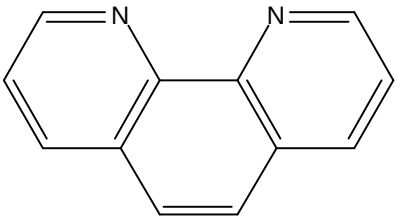
Table S(1) Chemical structures and other descriptors describing intermolecular Au….π interactions in non-associated aggregates, (**1**) – (**10**). Species not engaged in Au….π interactions are shown in blue.

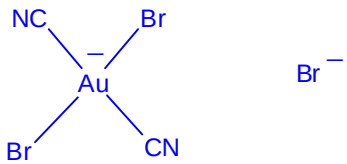
Compound number; Au…C(g), *d* (Å); Au…C(g)…plane, α^{a} (º); [ref.] and REFCODE

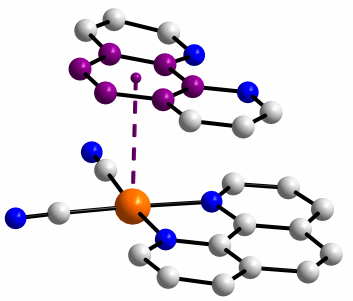
(**1**), 3.48, 7.7 [G. Marangoni, B. Pitteri, V. Bertolasi, V. Ferretti and G. Gilli, *J. Chem. Soc., Dalton Trans.*, 1987, 2235] FUHLUP



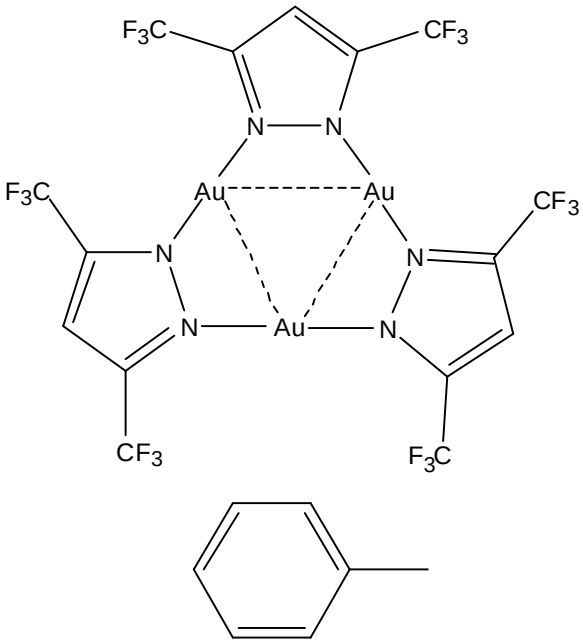


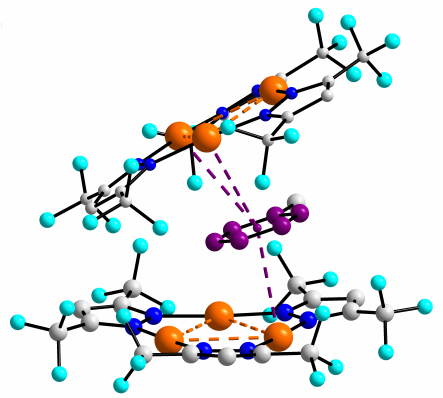




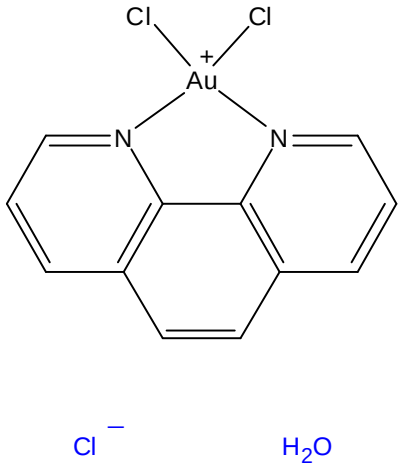


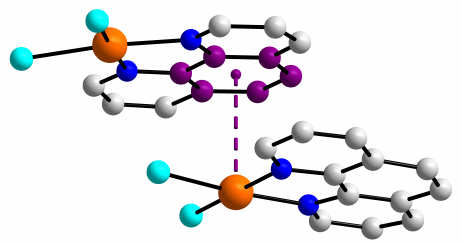
(**2**), 3.55, 11.5 [M. A. Omary, M. A. Rawashdeh-Omary, M. W. A. Gonser, O. Elbjeirami, T. Grimes, T. R. Cundari, H. V. K. Diyabalanage, C. S. P. Gamage and H. V. R. Dias, *Inorg. Chem.*, 2005, **44**, 8200] DAXQOT



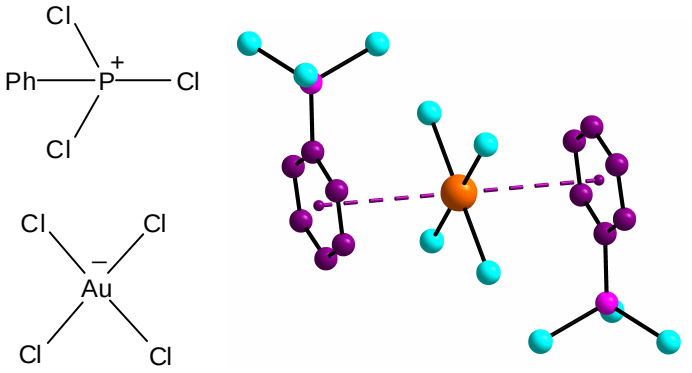


(**3**), 3.65, 14.9 [F. Abbate, P. Orioli, B. Bruni, G. Marconi and L. Messori, *Inorg. Chim. Acta*, 2000, **311**, 1] QIRRAK

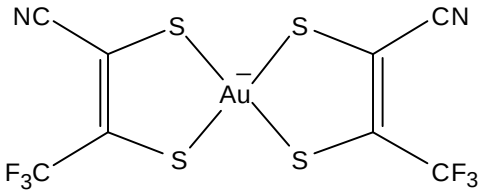


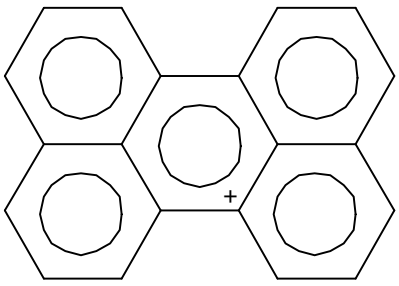


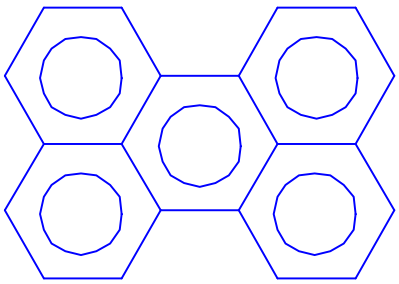
(**4**), 3.77, 9.7 [P. G. Jones and E. Bembenek, *Z. Kristallogr.*, 1998, **213**, 611] SOZFUI

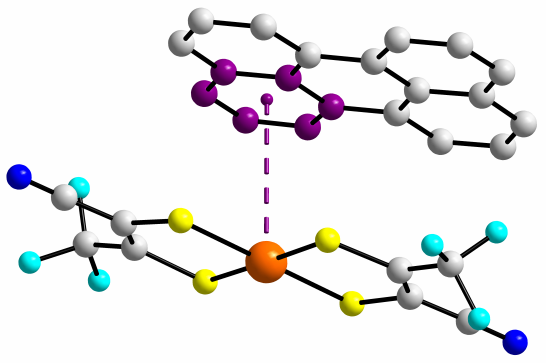


(**5**), 3.78, 11.2 [O. Jeannin and M. Fourmigue, *New J. Chem.*, 2006, **30**, 1774] WERVAR

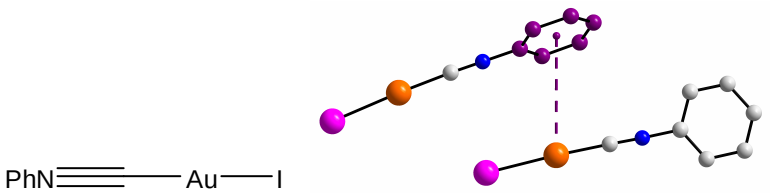




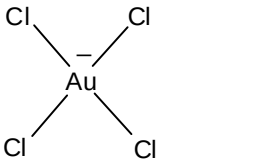


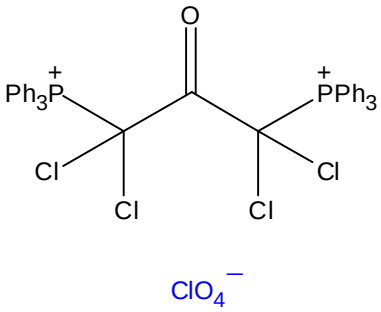


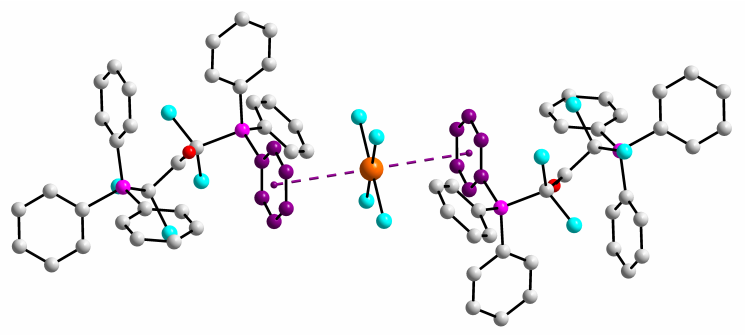
(**6**), 3.79, 16.2 [W. Schneider, K. Angermaier, A. Sladek and H. Schmidbaur, *Z. Naturforsch., B:Chem. Sci.*, 1996, **51**, 790] TEVTET



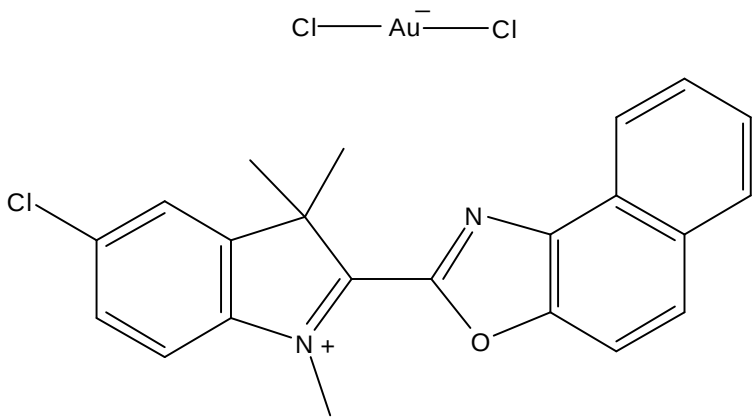
(**7**), 3.80, 10.5 [J. Vicente, M.-T. Chicote, I. Saura-Llamas, P. G. Jones, K. Meyer-Base and C. F. Erdbrugger, *Organometallics*, 1988, **7**, 997] GAGXUH

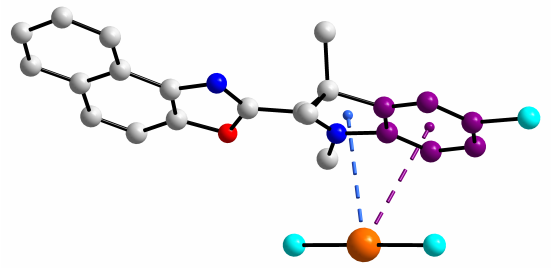




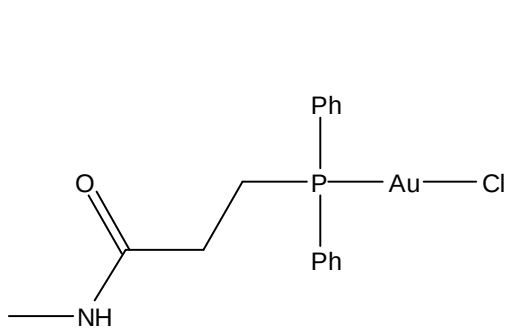


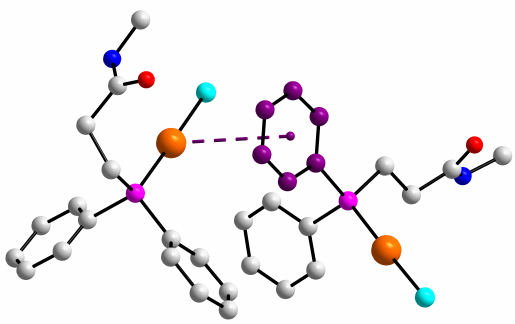
(**8**), 3.82, 15.5 [P. Uznanski, C. Amiens, M. Bardaji, B. Donnadieu, Y. Coppel, B. Chaudret and A. Laguna, *New J. Chem.*, 2001, **25**, 1495] EDOVEY



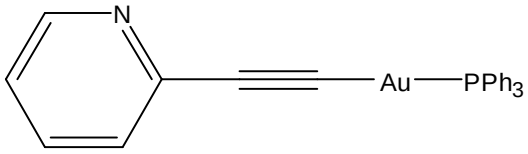


(**9**), 3.92, 17.1 [P. Lange, A. Schier and H. Schmidbaur, *Inorg. Chem.*, 1996, **35**, 637] ZOTMIE





(**10**), 3.95, 19.1 [R. H. Naulty, M. P. Cifuentes, M. G. Humphrey, S. Houbrechts, C. Boutton, A. Persoons, G. A. Heath, D. C. R. Hockless, B. Luther-Davies and M. Samoc, *J. Chem. Soc.*, *Dalton Trans.* 1997, 4167] NUPXIF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