

Acta Cryst. (2011). E67, m1394 [doi:10.1107/S1600536811036853]

Bis(3-benzoyl-1,1-di-sec-butylthioureato-1620,S)palladium(II)

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Abstract: The complex molecule of the title complex, $[Pd(C_{16}H_{23}N_2OS)_2]$, is completed by crystallographic twofold symmetry with the metal atom lying on the rotation axis. The Pd^{II} atom exists within a slightly distorted square-planar geometry defined by a cis- O_2S_2 donor set. The dihedral angle formed between the mean planes of the symmetry-related six-membered chelate rings is 12.88 (7)° and the bond lengths within the rings are indicative of significant electron delocalization. In the crystal, molecules aggregate into dimers linked by four C-H_{exp}O interactions.