



Acta Cryst. (2011). E67, o2138 [doi:10.1107/S1600536811029102]

1,3-Bis(naphthalen-2-ylmethyl)-1*H*-anthra[1,2-*d*]imidazole-2,6,11(3*H*)-trione

Z. Afrakssou, Y. K. Rodi, F. Capet, E. M. Essassi and S. W. Ng

Abstract: The title compound, C₃₇H₂₄N₂O₃, is a 1*H*-anthra[2,1-*d*]imidazole-2,6,11(3*H*)-trione derivative having naphthylmethyl substituents attached to the imidazole N atoms. The anthraquinone part of the molecule is somewhat folded along the line connecting the carbonyl bonds. The dihedral angle between the two benzene rings is 7.8 (1)°. The two naphthyl systems of the substituents of the imidazole ring are positioned on the same side of the five-membered ring; these are approximately coplanar, the dihedral angle between the naphthyl systems being 4.3 (2)°.