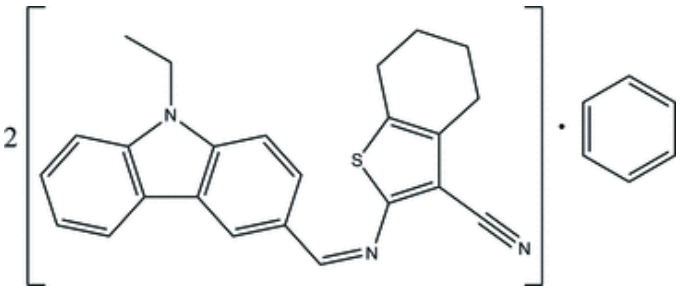

*Acta Cryst.* (2010). E**66**, o1200-o1201 [ doi:10.1107/S1600536810014947 ]

# 2-[(1*Z*)-(9-Ethyl-9*H*-carbazol-3-yl)methyleneamino]-4,5,6,7-tetrahydro-1-benzothiophene-3-carbonitrile-benzene (2/1)

**H.-K. Fun, J. H. Goh, A. M. Asiri, S. A. Khan and K. A. Khan**

**Abstract:** In the title compound, $2C_{24}H_{21}N_3S\cdot C_6H_6$, the two independent Schiff base molecules (*A* and *B*) in the asymmetric unit differ in the orientation of the tetrahydrobenzothiophene ring system with respect to the carbazole ring system by 180° rotation about the C-C bond in the C-C=N-C linkage. The two molecules also differ in the orientation of the ethyl groups [C-N-C-C torsion angle of 90.7 (3)° in molecule *A*, and -79.4 (3)° in molecule *B*]. In molecule *B*, two methylene C atoms of the cyclohexene ring are disordered over two sites with occupancies of 0.58 (1) and 0.42 (1). The cyclohexene rings in both molecules adopt half-chair conformations. The dihedral angle between the thiophene ring and the carbazole ring system is 8.07 (9)° in molecule *A* [3.10 (9)° in molecule *B*]. In the crystal structure, the independent molecules are linked into dimers by intermolecular C-H...N hydrogen bonds. In addition, C-H...π interactions are observed.