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Methyl 2-(2-hydroxybenzylideneamino)-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxylate

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Abstract: In the title compound, $C_{17}H_{17}NO_3S$, the cyclohexene ring is essentially planar, with a maximum deviation of 0.006 (1) Å. The cyclohexene ring adopts a half-chair conformation. The dihedral angle between the thiophene and benzene rings is 29.7 (1)°. The molecular structure exhibits intramolecular O-H...O, O-H...N and C-H...S hydrogen bonds, which generate one *S*(5) and two *S*(6) motifs. There is also a C-H...π interaction between the cyclohexene ring system and the π-system of the benzene ring.