>>**Entry Name: *N*-(4-Hydroxyphenyl)thiourea,** 9CI
**Synonym(s):** 1-(*p*-Hydroxyphenyl)-2-thiourea, 8CI

**CAS Registry Number:** 1520-27-0

**Molecular Formula:** $C_7H_8N_2OS$
**Molecular Weight:** 168.219
**Accurate Mass:** 168.035733
**Percentage Composition:** C 49.98%; H 4.79%; N 16.65%; O 9.51%; S 19.06%
**Physical Description:** Plates (EtOH)
**Melting Point:** Mp 220-221 dec.°
**Hazard & Toxicity:** $LD_{50}$ (mus, ipr) 100 mg/kg

>>**Derivative:** Me ether
**Synonym(s):** *N*-(4-Methoxyphenyl)thiourea

**CAS Registry Number:** 2293-07-4
**Molecular Formula:** $C_8H_{10}N_2OS$
**Molecular Weight:** 182.246
**Accurate Mass:** 182.051383
**Percentage Composition:** C 52.72%; H 5.53%; N 15.37%; O 8.78%; S 17.59%
**Melting Point:** Mp 208-210°

**Aldrich:** 19936-2
**Rare Chemicals Library:** S40916-2

>>**Derivative:** Et ether
**Synonym(s):** *N*-(4-Ethoxyphenyl)thiourea

**CAS Registry Number:** 880-29-5
**Molecular Formula:** $C_9H_{12}N_2OS$
**Molecular Weight:** 196.273
**Accurate Mass:** 196.067033
**Percentage Composition:** C 55.08%; H 6.16%; N 14.27%; O 8.15%; S 16.34%
**Physical Description:** Cryst. (EtOH)
**Melting Point:** Mp 172°

**References:**

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