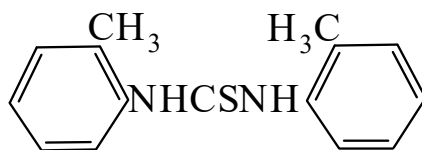




>>Entry Name: *N,N'*-Bis(2-methylphenyl)thiourea, 9Cl

Synonym(s): 2,2'-Dimethylthiocarbanilide, 8Cl. 1,3-Di-*o*-tolylthiourea



CAS Registry Number: 137-97-3

Molecular Formula: C₁₅H₁₆N₂S

Molecular Weight: 256.371

Accurate Mass: 256.103418

Percentage Composition: C 70.28%; H 6.29%; N 10.93%; S 12.51%

Use/Importance: Used for extraction-photometric detn. of Os, Ru, Pt, Rh (dichloroethane)

Physical Description: Needles (EtOH)

Melting Point: Mp 165-166°

Solubility: Sol. dichloroethane

Other Data: Steam-volatile

Hazard & Toxicity: Allergen. LD₅₀ (mus, ipr) 100 mg/kg

Aldrich: 14710-9

Rare Chemicals Library: S43002-1

References:

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