



>>Entry Name: *N*-(4-Chlorophenyl)-*N'*-(3,4-dichlorophenyl)urea, 9Cl

Synonym(s): 3,4,4'-Trichlorocarbanilide, 8Cl. **Triclocarban**, INN, USAN. Solubacter. NSC 72005. TCC. Many other names



CAS Registry Number: 101-20-2

Molecular Formula: C₁₃H₉Cl₃N₂O

Molecular Weight: 315.585

Accurate Mass: 313.978044

Percentage Composition: C 49.48%; H 2.87%; Cl 33.70%; N 8.88%; O 5.07%

Biological Use/Importance: Disinfectant, component of antiseptic soaps

Physical Description: Fine plates

Melting Point: Mp 255.2-256°

Calculated Log P Data: Log P 5.45 (calc)

Hazard & Toxicity: Low acute mammalian toxicity

Aldrich: 10593-7

Rare Chemicals Library: S27926-9

References:

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Sammul, O.R. *et al.*, *J. Assoc. Off. Agric. Chem.*, 1964, **47**, 918, (*ir*)

Birch, C.G. *et al.*, *Drug Metab. Dispos.*, 1978, **6**, 38; 169, (*metab*)

Hiles, R.A. *et al.*, *Toxicol. Appl. Pharmacol.*, 1978, **46**, 323

Gruenke, L.D. *et al.*, *J. Anal. Toxicol.*, 1987, **11**, 75, (*gc-ms*)

Negwer, M., *Organic-Chemical Drugs and their Synonyms*, 6th edn., *Akademie-Verlag*, 1987, 2639, (*synonyms*)

Martindale, The Extra Pharmacopoeia, 31st edn., *Pharmaceutical Press*, 1996, 1148

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