



>>Entry Name: Sulfathiourea, INN

Synonym(s): 4-Amino-*N*-(aminothioxomethyl)benzenesulfonamide, 9CI. 1-Sulfanilyl-2-thiourea, 8CI. **Sulphathiourea**, BAN. Sulfathiocarbamide. Badional. Bationol. Fontamide. Salvoseptyl. RP 2255. Sulfanilthiocarbamide



CAS Registry Number: 515-49-1

Molecular Formula: C₇H₉N₃O₂S₂

Molecular Weight: 231.299

Accurate Mass: 231.013617

Percentage Composition: C 36.35%; H 3.92%; N 18.17%; O 13.83%; S 27.73%

Use/Importance: Antibacterial agent

Melting Point: Mp 171.5-172 dec.°

Solubility: Sol. H₂O

Rare Chemicals Library: S37967-0

References:

- U.K. Pat.*, 1947, *Rhône-Poulenc*, 589 730; *CA*, **42**, 926, (*synth*)
U.K. Pat., 1947, *Rhône-Poulenc*, 595 771; *CA*, **42**, 4202b, (*synth, pharmacol*)
Karba, D. *et al.*, *Arch. Pharm. (Weinheim, Ger.)*, 1967, **300**, 844, (*synth*)
Brandmueller, J. *et al.*, *Arzneim.-Forsch.*, 1967, **17**, 392, (*uv, pharmacol, ir*)
Rastelli, A. *et al.*, *Farmaco, Ed. Sci.*, 1974, **29**, 654, (*ir*)
Martindale, The Extra Pharmacopoeia, 28th/29th edn., *Pharmaceutical Press*, 1982, 4955