



>>Entry Name: Bensultap, BSI, ISO

Synonym(s): *S,S'*-[2-(Dimethylamino)-1,3-propanediyl]benzenesulfonothioate, 9CI. *S,S*-2-(Dimethylamino)trimethylenethiobenzenesulfonate. Bancol

CAS Registry Number: 17606-31-4

$\text{Me}_2\text{NCH}(\text{CH}_2\text{-S-SO}_2\text{Ph})_2$

Molecular Formula: $\text{C}_{17}\text{H}_{21}\text{NO}_4\text{S}_4$

Molecular Weight: 431.621

Accurate Mass: 431.035339

Percentage Composition: C 47.31%; H 4.90%; N 3.25%; O 14.83%; S 29.72%

Use/Importance: Insecticide. CNS ganglionic blocker

Physical Description: Yellow cryst.

Melting Point: Mp 83-84°

Hazard & Toxicity: LD₅₀ (rat, orl) 1105 mg/kg

References:

Konishi, K., *Agric. Biol. Chem.*, 1968, **32**, 678; 1970, **34**, 926; 1549, (*synth*)

Sakai, M., *Jpn. Pestic. Inf.*, 1984, **45**, 21, (*activity*)

Pesticide Manual, 9th edn., 1991, 64