



>>Entry Name: **2,2-Bis(ethylsulfonyl)propane**, 9CI

Synonym(s): Sulfonmethane. Sulfonal. Sulfonalone. Sulphonal

CAS Registry Number: 115-24-2

$(\text{H}_3\text{C})_2\text{C}(\text{SO}_2\text{Et})_2$

Molecular Formula: $\text{C}_7\text{H}_{16}\text{O}_4\text{S}_2$

Molecular Weight: 228.333

Accurate Mass: 228.049

Percentage Composition: C 36.82%; H 7.06%; O 28.03%; S 28.09%

Use/Importance: Hypnotic

Physical Description: Cryst.

Melting Point: Mp 124-126°

Boiling Point: Bp 300°

Calculated Log P Data: Log P -0.43 (calc)

Hazard & Toxicity: Addictive (fatality reported)

References:

Baumann, E., *Ber.*, 1885, **18**, 883, (*synth*)

Martindale, *The Extra Pharmacopoeia*, 28th/29th edn., Pharmaceutical Press, 1982, 4070

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, ABD500