



>>Entry Name: **Bis(2-furanylmethyl) sulfide**

**Synonym(s):** 2,2'-(Thiodimethylene)difuran, 9CI. Furfuryl sulfide. Difurfuryl sulfide



**CAS Registry Number:** 13678-67-6

**Molecular Formula:** C<sub>10</sub>H<sub>10</sub>O<sub>2</sub>S

**Molecular Weight:** 194.254

**Accurate Mass:** 194.04015

**Percentage Composition:** C 61.83%; H 5.19%; O 16.47%; S 16.51%

**Melting Point:** Mp 31-32°

**Boiling Point:** Bp<sub>14</sub> 135-143°

**Refractive Index:** n<sub>D</sub><sup>20</sup> 1.5560

**Aldrich:** W32380-2

>>Derivative: S,S-Dioxide

**Synonym(s):** Bis(2-furanylmethyl) sulfone

**CAS Registry Number:** 186685-62-1

**Molecular Formula:** C<sub>10</sub>H<sub>10</sub>O<sub>4</sub>S

**Molecular Weight:** 226.253

**Accurate Mass:** 226.02998

**Percentage Composition:** C 53.09%; H 4.45%; O 28.29%; S 14.17%

**Physical Description:** Cryst.

**Melting Point:** Mp 72°

**References:**

Stoll, M. *et al.*, *Helv. Chim. Acta*, 1967, **50**, 628, (*synth, ir, ms*)

Gol'dfarb, Ya.L. *et al.*, *Izv. Akad. Nauk SSSR, Ser. Khim.*, 1967, 2509; *Bull. Acad. Sci. USSR, Div. Chem. Sci. (Engl. Transl.)*, 1967, 2387, (*synth*)

Rozen, S. *et al.*, *J.O.C.*, 1997, **62**, 1457-1462, (*dioxide*)