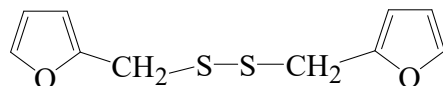




>>Entry Name: **Bis(2-furanylmethyl) disulfide**

Synonym(s): 2,2'-[Dithiobis(methylene)]bisfuran. 2,2'-(Dithiodimethylene)difuran. Difurfuryl disulfide. Furfuryl disulfide



CAS Registry Number: 4437-20-1

Molecular Formula: C₁₀H₁₀O₂S₂

Molecular Weight: 226.32

Accurate Mass: 226.01222

Percentage Composition: C 53.07%; H 4.45%; O 14.14%; S 28.34%

Use/Importance: Flavour component of roasted coffee, roasted sesame seeds and cooked meats

Physical Description: Liq.

Melting Point: Mp 10-11°

Boiling Point: Bp_{0.5} 112-115°

Density: d 1.23

Aldrich: W31460-9

References:

Tressl, R. *et al.*, *J. Agric. Food Chem.*, 1981, **29**, 1078-1082, (*occur*)

Gasser, U. *et al.*, *Z. Lebensm.-Unters. -Forsch.*, 1988, **186**, 489-494; 1990, **190**, 3-8, (*occur*)

Nakamura, S. *et al.*, *Agric. Biol. Chem.*, 1989, **53**, 1891-1899, (*occur*)

Firouzabadi, H. *et al.*, *Bull. Chem. Soc. Jpn.*, 1992, **65**, 1131-1134, (*synth*)

Choi, J. *et al.*, *J.O.C.*, 1995, **60**, 3266-3267, (*synth*)

Iranpoor, N. *et al.*, *Synthesis*, 1999, 49-50, (*synth*)