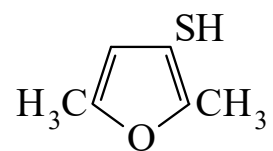




>>Entry Name: 2,5-Dimethyl-3-furanthiol

ENTRY UNDER REVIEW

Synonym(s): 3-Mercapto-2,5-dimethylfuran. FEMA 3451



CAS Registry Number: 55764-23-3

Type of Compound Code(s): WE2500 WI8000 WA4700

Molecular Formula: C₆H₈OS

Molecular Weight: 128.195

Accurate Mass: 128.029585

Percentage Composition: C 56.22%; H 6.29%; O 12.48%; S 25.01%

Source/Synthesis: Component of chicken volatiles

Use/Importance: Flavouring agent

Physical Description: Red liq.

Boiling Point: Bp₁₀ 80-150° (bulb)

>>Derivative: S-Me

Synonym(s): 2,5-Dimethyl-3-(methylthio)furan

CAS Registry Number: 63359-63-7

Type of Compound Code(s): WA4700 WI4400 WE9900

Molecular Formula: C₇H₁₀OS

Molecular Weight: 142.221

Accurate Mass: 142.045235

Percentage Composition: C 59.12%; H 7.09%; O 11.25%; S 22.55%

Source/Synthesis: Occurs in coffee aroma

Physical Description: Faintly yellow liq.

Boiling Point: Bp₁ 71°

References:

Huber, U.A. *et al.*, *Helv. Chim. Acta*, 1993, **76**, 2528, (*synth, pmr, bibl*)