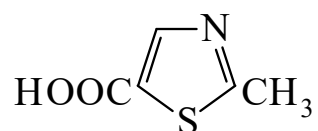




>>Entry Name: 2-Methyl-5-thiazolecarboxylic acid, 9Cl



CAS Registry Number: 40004-69-1

Molecular Formula: C<sub>5</sub>H<sub>5</sub>NO<sub>2</sub>S

Molecular Weight: 143.166

Accurate Mass: 143.004099

Percentage Composition: C 41.95%; H 3.52%; N 9.78%; O 22.35%; S 22.40%

Use/Importance: Antilipolytic agent

Physical Description: Needles or prisms (H<sub>2</sub>O)

Melting Point: Mp 209°

Calculated Log P Data: Log P 1.12 (calc)

>>Derivative: Et ester

CAS Registry Number: 79836-78-5

Molecular Formula: C<sub>7</sub>H<sub>9</sub>NO<sub>2</sub>S

Molecular Weight: 171.22

Accurate Mass: 171.035399

Percentage Composition: C 49.10%; H 5.30%; N 8.18%; O 18.69%; S 18.73%

Boiling Point: Bp<sub>19</sub> 117-120°

#### References:

Schöberl, A. *et al.*, *Ber.*, 1940, **73**, 1240, (*synth*)

Clemence, F. *et al.*, *Eur. J. Med. Chem. (Chim. Ther.)*, 1976, **11**, 567, (*synth, use*)

Keehn, P.M. *et al.*, *J.A.C.S.*, 1982, **104**, 4461, (*synth, deriv*)