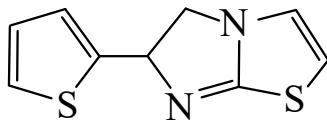




>>Entry Name: Antienite, INN

Synonym(s): 5,6-Dihydro-6-(2-thienyl)imidazo[2,1-*b*]thiazole, 8Cl. Thiazothielite. R 8141. R 8025



CAS Registry Number: 5029-05-0

Molecular Formula: C₉H₈N₂S₂

Molecular Weight: 208.308

Accurate Mass: 208.012888

Percentage Composition: C 51.89%; H 3.87%; N 13.45%; S 30.79%

Use/Importance: Anthelmintic

Development Status: Never marketed

>>Variant: (±)-form

Molecular Formula: C₉H₈N₂S₂

Molecular Weight: 208.308

Accurate Mass: 208.012888

Percentage Composition: C 51.89%; H 3.87%; N 13.45%; S 30.79%

>>Derivative: Hydrochloride

Melting Point: Mp 159-160.5°

>>Derivative: Hydrobromide

Melting Point: Mp 163-164°

>>Derivative: Phosphate

Melting Point: Mp 184-185°

>>Derivative: Maleate

Melting Point: Mp 109.2-110.8°

>>Derivative: Malonate

Melting Point: Mp 95.6-97.4°

References:

Netherlands Pat., 1965, Janssen, 6 505 806; CA, **64**, 11214g, (synth)

Alfons, H.M. et al., J. Med. Chem., 1966, **9**, 545, (synth, pharmacol)

Fernand, T. et al., J. Pharm. Sci., 1966, **55**, 1028, (metab)