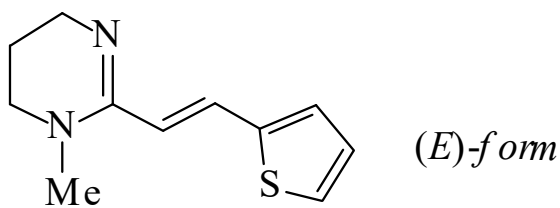




>>Entry Name: **Pyrantel**, BAN, INN

Synonym(s): 1,4,5,6-Tetrahydro-1-methyl-2-[2-(2-thienyl)ethenyl]pyrimidine, 9CI. Many other names



Molecular Formula: C₁₁H₁₄N₂S

Molecular Weight: 206.311

Accurate Mass: 206.087768

Percentage Composition: C 64.04%; H 6.84%; N 13.58%; S 15.54%

Use/Importance: Anthelmintic

>>Variant: (E)-form

CAS Registry Number: 15686-83-6

Molecular Formula: C₁₁H₁₄N₂S

Molecular Weight: 206.311

Accurate Mass: 206.087768

Percentage Composition: C 64.04%; H 6.84%; N 13.58%; S 15.54%

Physical Description: Cryst. (MeOH)

Melting Point: Mp 178-179°

>>Derivative: Hydrogen tartrate

Synonym(s): **Pyrantel tartrate**, USAN. Banminth

CAS Registry Number: 33401-94-4

Physical Description: Cryst. (EtOH)

Melting Point: Mp 147-148°

Hazard & Toxicity: LD₅₀ (rat, orl) 170 mg/kg

Sigma: P7674

>>Derivative: 4,4'-Methylenebis(3-hydroxy-2-naphthoate) salt

Synonym(s): Antiminth. Combantrin. **Pyrantel pamoate**, JAN, USAN

CAS Registry Number: 22204-24-6

Physical Description: Yellow cryst.

Hazard & Toxicity: LD₅₀ (rat, ipr) 535 mg/kg. Exp. reprod. and teratogenic effects

Sigma: P6210

>>Variant: (Z)-form

Molecular Formula: C₁₁H₁₄N₂S

Molecular Weight: 206.311

Accurate Mass: 206.087768

Percentage Composition: C 64.04%; H 6.84%; N 13.58%; S 15.54%

>>Derivative: Hydrochloride

Physical Description: Cryst. (2-propanol)

Melting Point: Mp 195-196°

>>Derivative: Hydrogen tartrate

Melting Point: Mp 160-161°

References: