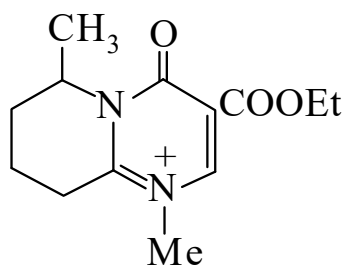




>>Entry Name: Rimazolium(1+)

Synonym(s): 3-(Ethoxycarbonyl)-6,7,8,9-tetrahydro-1,6-dimethyl-4-oxo-4*H*-pyrido[1,2-*a*]pyrimidinium, 9Cl. Rymazolium. Dolcuran. Probon. Probonal. Rimagin. Temadin. MZ 144. Ro 11-0780



CAS Registry Number: 35615-72-6

Molecular Formula: C₁₃H₁₉N₂O₃⁽⁺⁾

Molecular Weight: 251.305

Accurate Mass: 251.139568

Percentage Composition: C 62.13%; H 7.62%; N 11.15%; O 19.10%

Calculated Log P Data: Log P -2.84 (uncertain value) (calc)

>>Variant: (±)-form

Molecular Formula: C₁₃H₁₉N₂O₃

Molecular Weight: 251.305

Accurate Mass: 251.139568

Percentage Composition: C 62.13%; H 7.62%; N 11.15%; O 19.10%

>>Derivative: Methylsulfate

Synonym(s): Rimazolium metilsulfate, INN

CAS Registry Number: 28610-84-6

Molecular Formula: C₁₄H₂₂N₂O₇S

Molecular Weight: 362.403

Accurate Mass: 362.114773

Percentage Composition: C 46.40%; H 6.12%; N 7.73%; O 30.90%; S 8.85%

Use/Importance: Analgesic, antiinflammatory, gastroprotective agent

Physical Description: Cryst.

Melting Point: Mp 165-166°

Hazard & Toxicity: LD₅₀ (rat, orl) 1500 mg/kg. LD₅₀ (rat, ivn) 217 mg/kg

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Toth, G. *et al.*, *J.C.S. Perkin 2*, 1986, 1911, (*N-15 nmr*)
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