



>>Derivative: *N*-(2-Hydroxyethyl), betaine

Synonym(s): 3-Carboxy-1-(2-hydroxyethyl)pyridinium betaine. **Pyridinebetaine A**

Molecular Formula: C₈H₉NO₃

Molecular Weight: 167.164

Accurate Mass: 167.058244

Percentage Composition: C 57.48%; H 5.43%; N 8.38%; O 28.71%

Biological Source: Isol. from the sponge *Agelas dispar*

Physical Description: Amorph. solid

UV: [neutral] λ_{max} 220 (ε 3000); 266 (ε 2500) (MeOH)

>>Derivative: Butyl ester

CAS Registry Number: 6938-06-3

Molecular Formula: C₁₀H₁₃NO₂

Molecular Weight: 179.218

Accurate Mass: 179.094629

Percentage Composition: C 67.02%; H 7.31%; N 7.82%; O 17.85%

Melting Point: Mp 252°

Density: d₂₀²⁰ 1.06

Refractive Index: n_D²⁰ 1.4959

References:

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