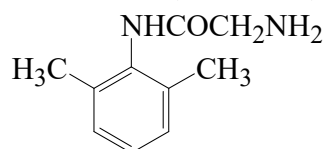




>>Entry Name: 2-Amino-*N*-(2,6-dimethylphenyl)acetamide, 9Cl

Synonym(s): 2-Amino-2',6'-acetoxylidide, 8Cl. ω-Amino-2,6-dimethylacetanilide. Glycine 2',6'-xylidide



CAS Registry Number: 18865-38-8

Molecular Formula: C₁₀H₁₄N₂O

Molecular Weight: 178.233

Accurate Mass: 178.110613

Percentage Composition: C 67.39%; H 7.92%; N 15.72%; O 8.98%

Metabolism: Metab. of Lidocaine [DTQ25-U](#)

Biological Use/Importance: Shows antiarrhythmic activity and CNS toxicity in mice

Physical Description: Needles (hexane/2-propanol)

Melting Point: Mp 80-88° (78-80°)

>>Derivative: Hydrochloride

CAS Registry Number: 35891-83-9

Melting Point: Mp 302°

>>Derivative: *N*²-Et

Synonym(s): *N*-Deethylidocaine

CAS Registry Number: 7728-40-7

Molecular Formula: C₁₂H₁₈N₂O

Molecular Weight: 206.287

Accurate Mass: 206.141913

Percentage Composition: C 69.87%; H 8.79%; N 13.58%; O 7.76%

Metabolism: Urinary metabolite of Lidocaine [DTQ25-U](#)

Melting Point: Mp 47-49°

>>Derivative: *N*²-Et; hydrochloride

CAS Registry Number: 7729-94-4

Melting Point: Mp 289-290°

>>Derivative: *N*²,*N*²-Di-Et

see Lidocaine, [DTQ25-U](#)

References:

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Callery, P.S. *et al.*, *J. Med. Chem.*, 1976, **19**, 962-964, (*synth*, *pmr*)
Nelson, S.D. *et al.*, *J. Pharm. Sci.*, 1977, **66**, 1180-1190, (*synth*)
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