



>>Entry Name: Ethylguanidine, 9CI, 8CI

Synonym(s): Guanidinoethane

CAS Registry Number: 503-69-5

EtNHC(NH₂)=NH

Molecular Formula: C₃H₉N₃

Molecular Weight: 87.124

Accurate Mass: 87.079647

Percentage Composition: C 41.36%; H 10.41%; N 48.23%

General Statement: Free base not described

Use/Importance: Used to control wood-infective organisms, e.g. the fungus *Ceratocystis ulmi*

>>Derivative: Sulfate

CAS Registry Number: 3482-86-8

Melting Point: Mp 244 dec.°

Aldrich: 27555-7

>>Derivative: Picrate

CAS Registry Number: 18240-91-0

Melting Point: Mp 176-178°

References:

Schenk, M. *et al.*, *Z. Phys. Chem.*, 1926, **154**, 292, (*synth*)

Plant, R., *Z. Phys. Chem.*, 1964, **335**, 272, (*pharmacol*)

Spasskaya, R.I. *et al.*, *Zh. Org. Khim.*, 1967, **3**, 1794, (*synth*)

Ozawa, H. *et al.*, *Chem. Pharm. Bull.*, 1968, **16**, 2376, (*pharmacol*)

Clifford, D.R. *et al.*, *Pestic. Sci.*, 1976, **7**, 86, (*use*)