



>>Entry Name: 1-Octylguanidine

Synonym(s): 1-Guanidinooctane

CAS Registry Number: 3038-42-4

HN=C(NH2)NH(CH2)7CH3

Molecular Formula: C₉H₂₁N₃

Molecular Weight: 171.285

Accurate Mass: 171.173547

Percentage Composition: C 63.11%; H 12.36%; N 24.53%

>>Derivative: Hemisulfate salt

CAS Registry Number: 21409-35-8

Physical Description: Cryst. (EtOH)

Melting Point: Mp 248-251°

References:

Byrde, R.J.W. *et al.*, *Ann. Appl. Biol.*, 1962, **50**, 291; *CA*, **59**, 3770b, (*derivs*)

Pressman, B.C., *J. Biol. Chem.*, 1963, **238**, 401, (*synth, derivs*)