



>>Entry Name: Crotetamide, INN

Synonym(s): *N*-[1-[(Dimethylamino)carbonyl]propyl]-*N*-ethyl-2-butenamide, 9CI. *N*-[1-(Dimethylcarbamoyl)propyl]-*N*-ethylcrotonamide, 8CI. 2-(*N*-Ethylcrotonamido)-*N,N*-dimethylbutyramide. **Crotethamide**, BAN. Ethylbutamate

CAS Registry Number: 6168-76-9

Related CAS Registry Numbers(s): 8015-51-8



Molecular Formula: C₁₂H₂₂N₂O₂

Molecular Weight: 226.318

Accurate Mass: 226.168128

Percentage Composition: C 63.69%; H 9.80%; N 12.38%; O 14.14%

General Statement: Stereochem. undefined

Use/Importance: Analgesic, analeptic. CNS stimulant

Boiling Point: Bp_{0.03} 132-134°

Solubility: Sol. H₂O, Et₂O

Calculated Log P Data: Log P 1.28 (uncertain value) (calc)

Other Data: Component of Prethcainide, Gycoren, Miconen, Micoren, Respirot and Spirot

References:

U.S. Pat., 1948, 2 447 587; *CA*, **43**, 248, (*synth*)

Bouyard, P. *et al.*, *C. R. Hebd. Seances Soc. Biol. Ses Fil.*, 1957, **151**, 970, (*pharmacol*)

Domenjoz, R., *Anaesthetist*, 1959, **8**, 16, (*pharmacol*)

Martindale, The Extra Pharmacopoeia, 28th/29th edn., *Pharmaceutical Press*, 1982, 1442