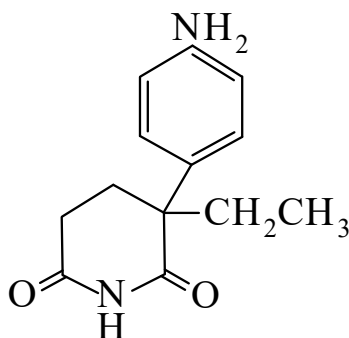




>>Entry Name: Aminoglutethimide, BAN, INN, USAN

Synonym(s): 3-(4-Aminophenyl)-3-ethyl-2,6-piperidinedione, 9CI. 2-(p-Aminophenyl)-2-ethylglutarimide, 8CI. Cytadren. Elipten. Orimeten. Ba 16038. Ciba 16038. ND 1966. AG 1



CAS Registry Number: 125-84-8

Molecular Formula: C₁₃H₁₆N₂O₂

Molecular Weight: 232.282

Accurate Mass: 232.121178

Percentage Composition: C 67.22%; H 6.94%; N 12.06%; O 13.78%

Biological Use/Importance: Originally used as anticonvulsant, withdrawn due to adrenotoxicity: now used as aromatase inhibitor for treatment of breast cancer in postmenopausal women and for treatment of secondary hyperaldosteronism and oedema. Inhibits adrenal corticosteroid synthesis

Hazard & Toxicity: Human teratogenic effects. LD₅₀ (mus, ipr) 625 mg/kg

Aldrich: 25919-5

Sigma: A9657

>>Variant: (±)-form

CAS Registry Number: 55511-45-0

Molecular Formula: C₁₃H₁₆N₂O₂

Molecular Weight: 232.282

Accurate Mass: 232.121178

Percentage Composition: C 67.22%; H 6.94%; N 12.06%; O 13.78%

Physical Description: Cryst. (MeOH)

Melting Point: Mp 151-152°

Calculated Log P Data: Log P 0.67 (calc)

>>Derivative: Hydrochloride

CAS Registry Number: 31075-85-1

Melting Point: Mp 223-225°

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