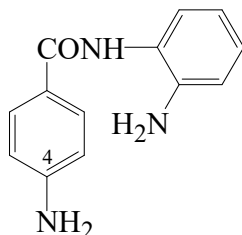




>>Entry Name: 4-Amino-N-(2-aminophenyl)benzamide, 9Cl

Synonym(s): Dinaline, INN. 2',4-Diaminobenzanilide. AAPBA. Go 1734. NSC 328786



CAS Registry Number: 58338-59-3

Related CAS Registry Numbers(s): 94617-81-9

Molecular Formula: C₁₃H₁₃N₃O

Molecular Weight: 227.265

Accurate Mass: 227.105862

Percentage Composition: C 68.71%; H 5.77%; N 18.49%; O 7.04%

Use/Importance: Immunosuppressive, antineoplastic agent

Physical Description: Cryst. (EtOH)

Melting Point: Mp 180-181°

Hazard & Toxicity: LD₅₀ (rat, orl) 95 mg/kg. Exp. neoplastic agent. Mutagenic props.

>>Derivative: Hydrochloride (1:2)

CAS Registry Number: 94617-81-9

Physical Description: Cryst. (EtOH)

Melting Point: Mp 340°

>>Derivative: 4-N-Ac

Synonym(s): Acetyldinaline. CI 994. GOE 5549. PD 123654

CAS Registry Number: 112522-64-2

Molecular Formula: C₁₅H₁₅N₃O₂

Molecular Weight: 269.302

Accurate Mass: 269.116427

Percentage Composition: C 66.90%; H 5.61%; N 15.60%; O 11.88%

Biological Use/Importance: Cytostatic agent

References:

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Berger, M.R. *et al.*, *Cancer Lett. (Shannon, Irel.)*, 1991, **60**, 237, (*tox*)
el-Beltagi, H.M. *et al.*, *Cancer Res.*, 1993, **53**, 3008-3014, (*acetyldinaline*)
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