



CERTIFICATE OF ANALYSIS

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1. Identification

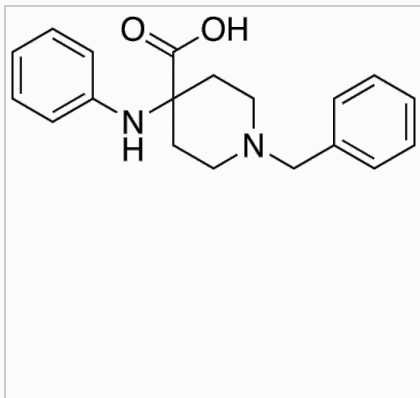
Catalogue Number: P307490

CAS Number: 85098-64-2

Product: 4-(Phenylamino)-1-benzyl-4-piperidinecarboxylic Acid

Synonym: 1-Benzyl-4-(phenylamino)piperidine-4-carboxylic Acid; 4-Anilino-1-benzylpiperidine-4-carboxylic Acid; NSC 73748;

Structure:



Molecular Formula:

C₁₉H₂₂N₂O₂

Molecular weight:

310.39

Source of Product:

Synthetic

Solubility:

Aqueous Base (Slightly),
DMSO (Slightly), Methanol
(Slightly)

Lot Number: 9-EVK-138-2

Purity: 98%

Shipping Condition: This Product Is Stable To Be
Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Pale Orange to Light Brown Solid	Pale Brown to Pale Orange Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 72.65, %H: 7.25, %N: 8.90
HPLC Purity	Report Result	98.12% (250 nm)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+0.4° (c = 0.2, 20% v/v 1N NaOH : Methanol)

Additional Information:

Contains: ~1.6% Ethylene Glycol

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Nicole Yip	Toni Rantanen	Chanell Chu	7/9/2022	7/7/2026