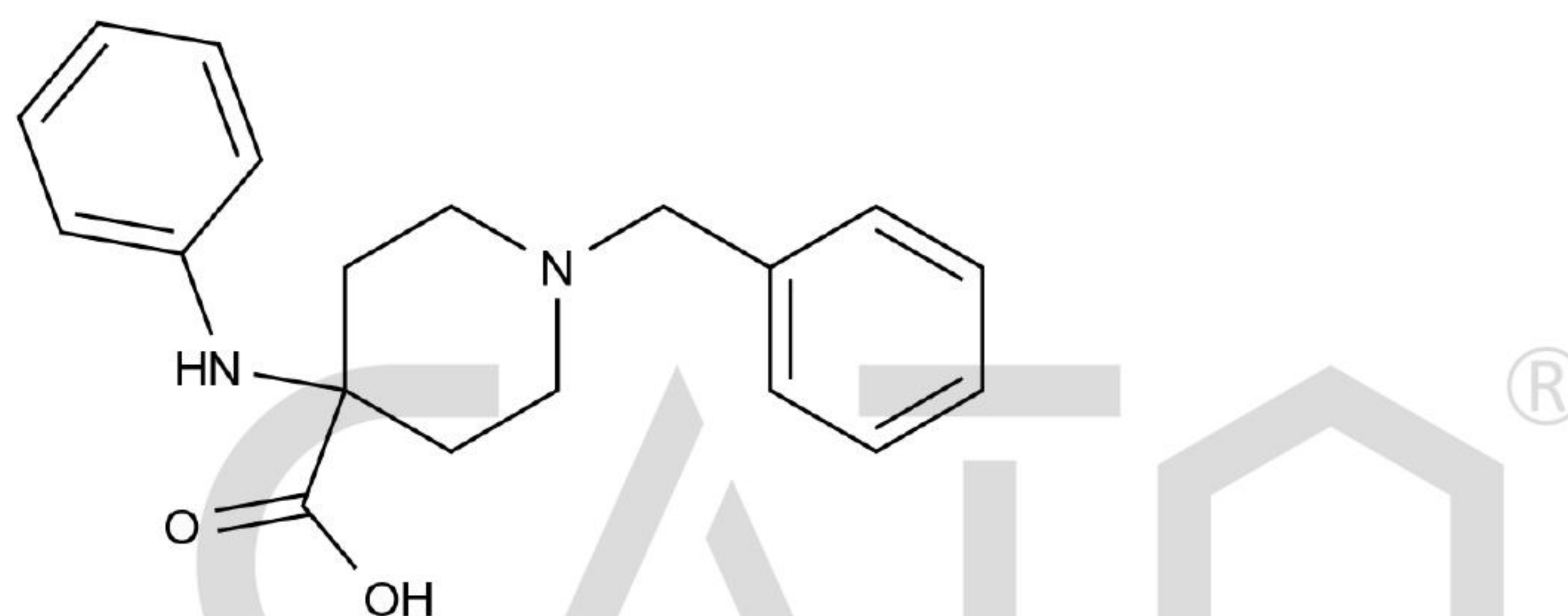


Certificate of Analysis

Reference Material & Standard

Product Name:	1-Benzyl-4-(phenylamino)piperidine-4-carboxylic acid	Catalogue Number:	C4X-28701
Synonyms:	N/A	Lot Number:	0315-RE-0037
CAS Number:	85098-64-2	Expiry Date:	Mar 11, 2030
Molecular Formula:	C ₁₉ H ₂₂ N ₂ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	310.39	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.826%
Loss On Drying	TGA	1.9021%
Assay		97.9%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Mar 12, 2026

Date: Mar 12, 2026

Date: Mar 12, 2026



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