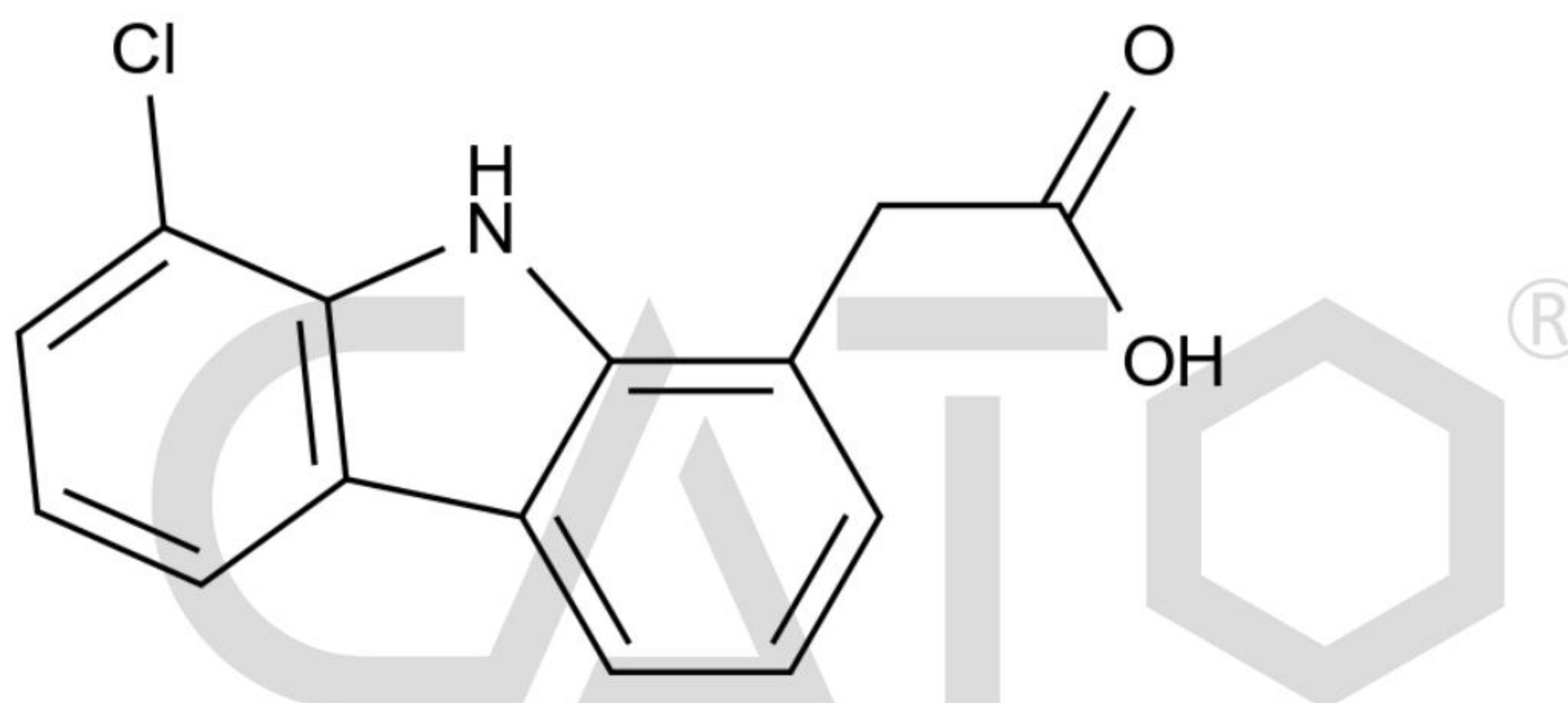


Certificate of Analysis

Reference Material & Standard

Product Name:	8-Chlorocarbazole-1-acetic Acid	Catalogue Number:	C1208191
Synonyms:	N/A	Lot Number:	1223-RG-0119
CAS Number:	131023-44-4	Expiry Date:	Dec 24, 2029
Molecular Formula:	C ₁₄ H ₁₀ ClNO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	259.69	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile;Water=2:1	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.921%
Loss On Drying	TGA	0.1624%
Assay		99.8%

Comment:

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

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

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

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Dec 25, 2025

Date: Dec 25, 2025

Date: Dec 25, 2025



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