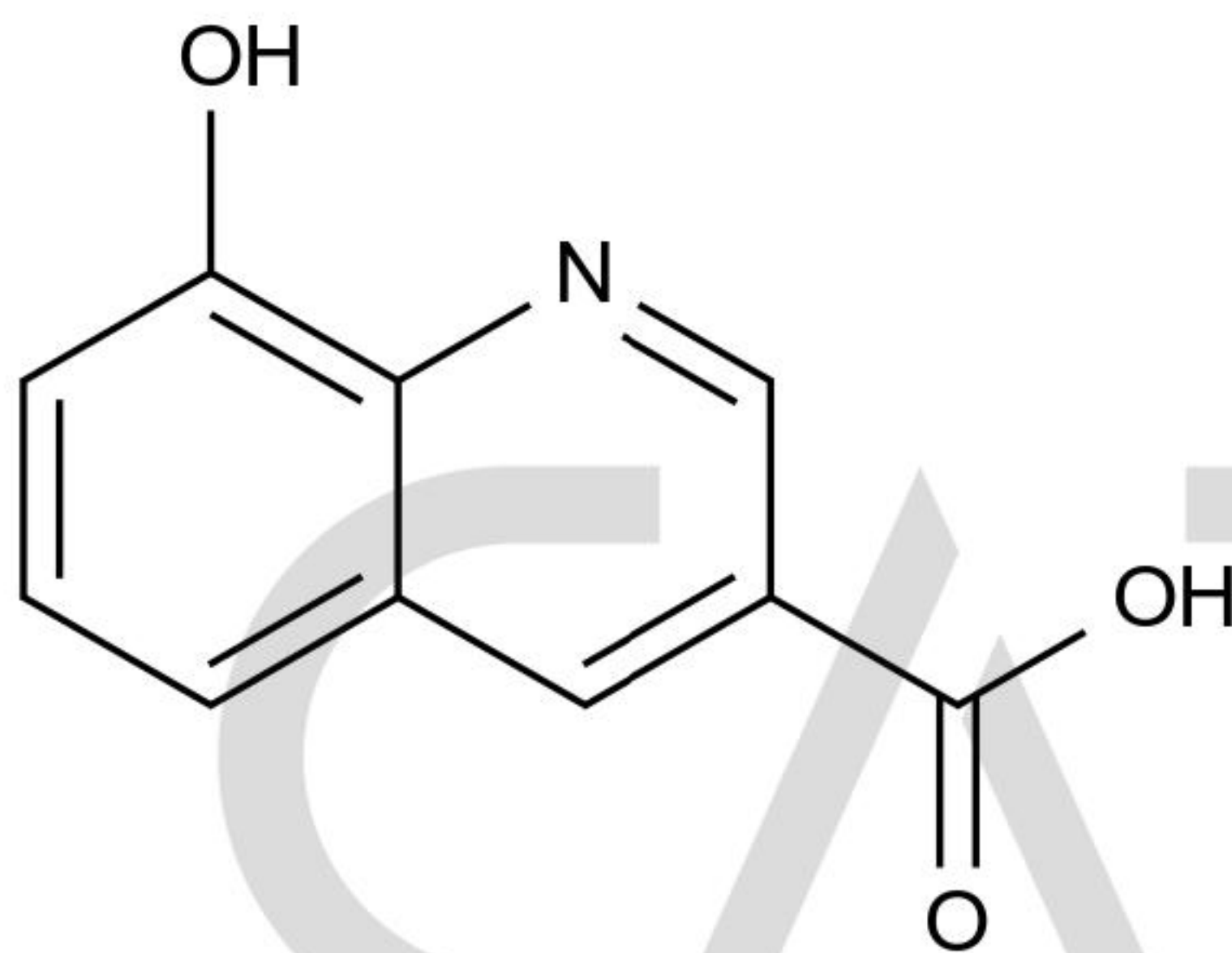


Certificate of Analysis

Reference Material & Standard

Product Name:	8-Hydroxyquinoline-3-carboxylic acid	Catalogue Number:	C1785505
Synonyms:	N/A	Lot Number:	0717-RG-0064
CAS Number:	911109-16-5	Expiry Date:	Jul 21, 2029
Molecular Formula:	C10H7NO3	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	189.17	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	0.0721%
Assay		99.9%

Comment:

The calculation of the 100% 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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jul 22, 2025

Date: Jul 22, 2025

Date: Jul 22, 2025

