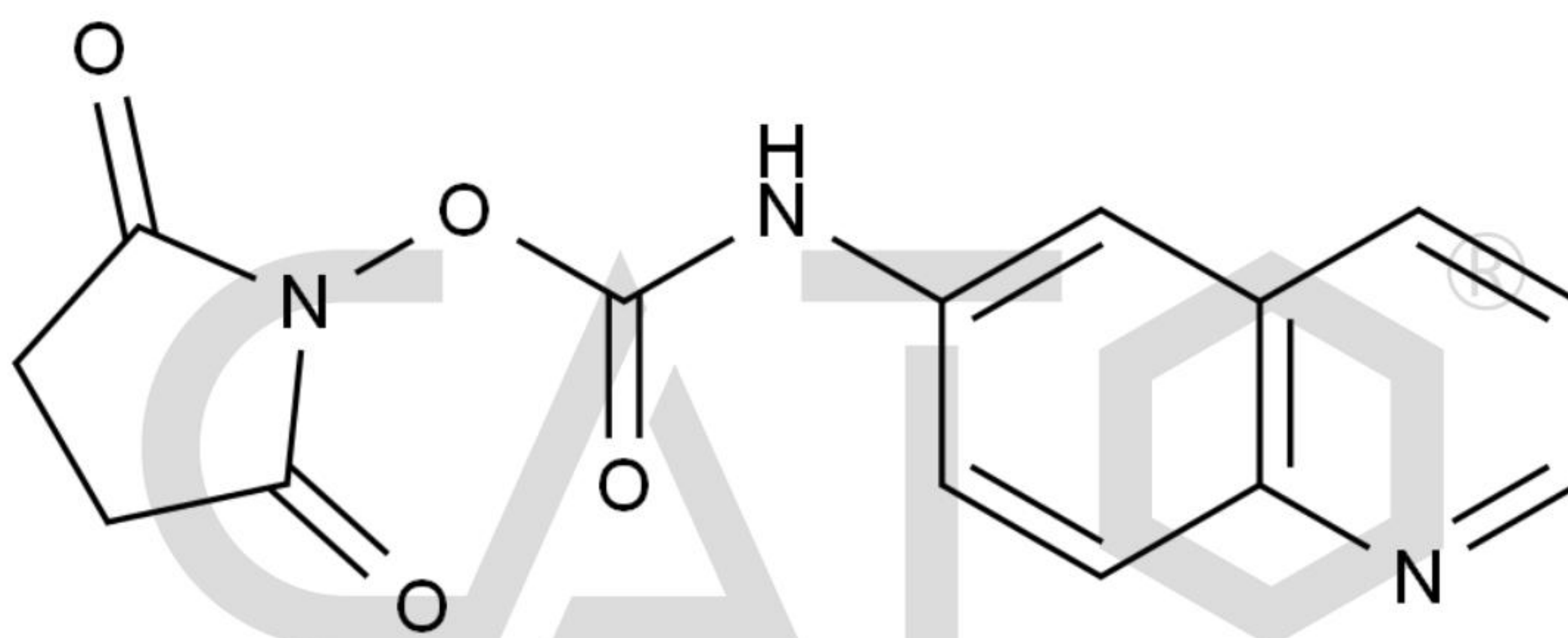


Certificate of Analysis

Reference Material & Standard

Product Name:	6-Aminoquinolyl-N-hydroxysuccinimidyl Carbamate	Catalogue Number:	CCHM701287
Synonyms:	N/A	Lot Number:	0515-RH-0067
CAS Number:	148757-94-2	Expiry Date:	May 24, 2030
Molecular Formula:	C ₁₄ H ₁₁ N ₃ O ₄	Storage:	-20°C ± 5°C Protected from light and Sealed
Molecular Weight:	285.25	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.165%
Loss on Drying	TGA	0.0153%
Assay		97.2%
Uncertainty		±0.6%

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.
- The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: May 25, 2026

Date: May 25, 2026

Date: May 25, 2026

