

Certificate of Analysis

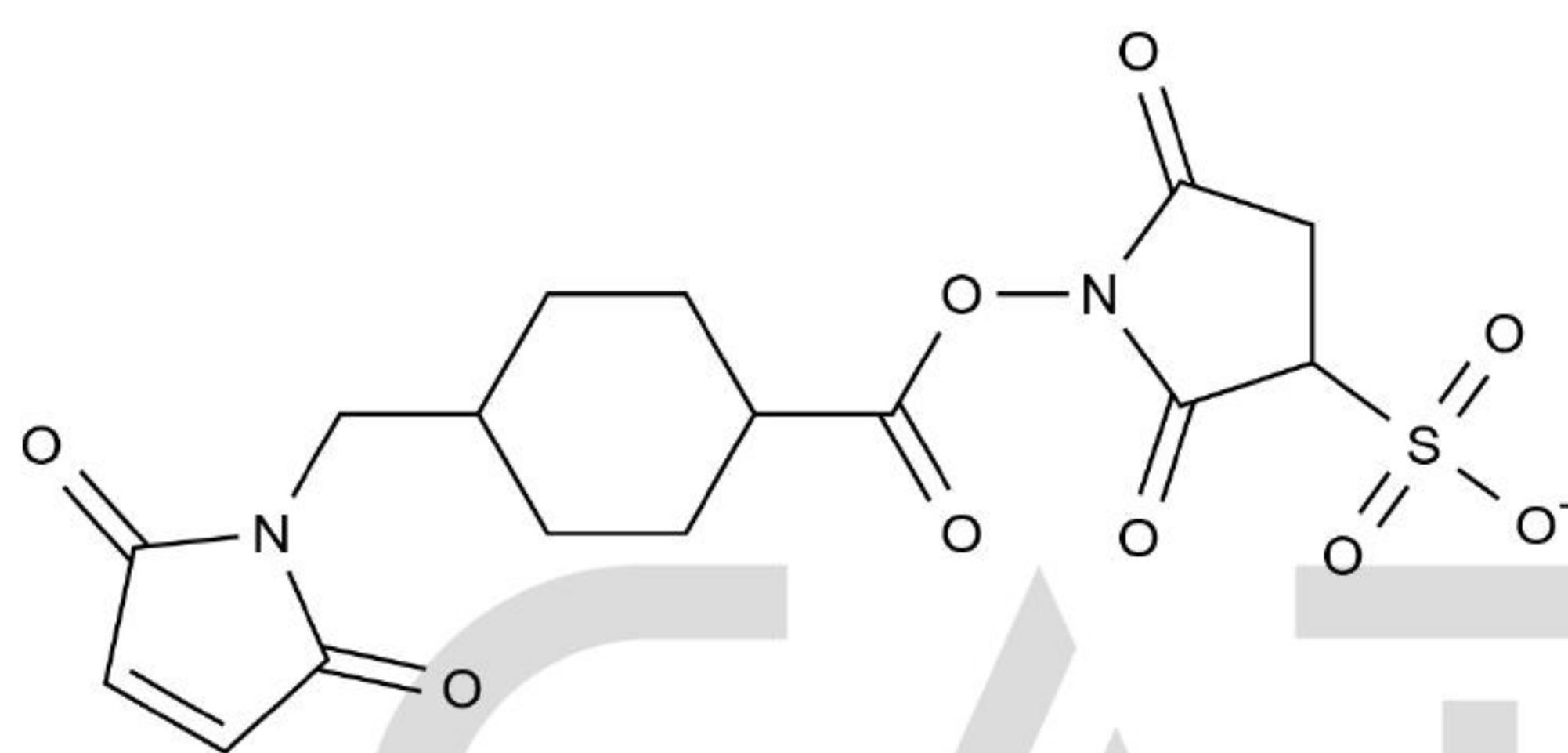
Reference Material & Standard

Product Name:	SULFO-SMCC Sulfosuccinimidyl-trans-4-(n-MaleimidoMethyl)cyclohexane-1-carboxylate	Catalogue Number:	C1928887
Synonyms:	N/A	Lot Number:	1126-RF-0028
CAS Number:	92921-24-9	Expiry Date:	Dec 05, 2028
Molecular Formula:	C ₁₆ H ₁₇ N ₂ O ₉ S Na	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	413.38 22.99		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.2%
Assay	qNMR	90.4%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
2. 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: Dec 06, 2024

Date: Dec 06, 2024

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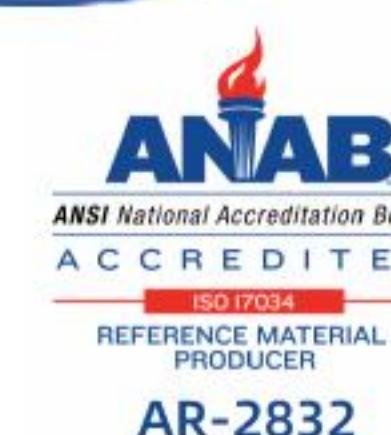
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