

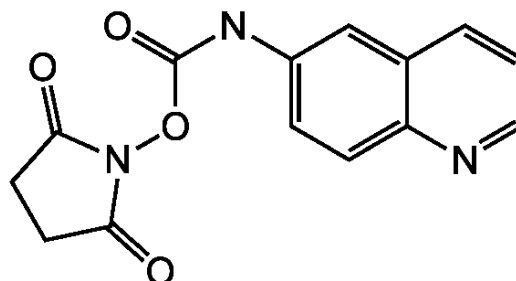
CDX-A0057

11-Oct-2021

AQC

[6-Aminoquinoline N-succinimidyl ester; 6-Aminoquinolyl-N-hydroxysuccinimidylcarbamate; AHC Reagent]

CDX-A0057-M050	50 mg
CDX-A0057-M250	250 mg
Formula	C ₁₄ H ₁₁ N ₃ O ₄
MW	285.25
CAS	148757-94-2



Handling / Storage

Shipping	AMBIENT
Short Term Storage	+4°C
Long Term Storage	-20°C

Protect from light and moisture.

Use / Stability

Stable for at least 2 years after receipt when stored at -20°C.

MSDS available at www.adipogen.com or upon request.

Manufactured by Chemodex.

Product Specifications

Source/Host	Synthetic.
Purity	≥95% (NMR)
Identity	Determined by ¹ H-NMR.
Appearance	White to off-white crystalline powder.
Solubility	Soluble in DMSO or DMF.

Other Product Data

[Click here for Original Manufacturer Product Datasheet](#)

Our product description may differ slightly from the original manufacturers product datasheet.

WARNING: Intended for research use only. This product is not intended or approved for human, diagnostics, therapeutic or veterinary use. Use of this product for human or animal testing is extremely hazardous and may result in disease, severe injury, or death. **MATERIAL SAFETY DATA:** Review the complete Material Safety Data Sheet before use.

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For Local Distributors please visit

www.adipogen.com

Product Description

AQC is suitable for amino acid analysis by HPLC with fluorescence detection. It is a reactive probe for the pre-column derivatization of primary and secondary amines, including those found in amino acids, peptides, proteins and polyamines. It forms stable and highly fluorescent derivatives and has been used for chromatographic separation and analysis of derivatized amino acids and polyamines. AQC-derivatized polyamines display excitation/emission maxima of 248/398 nm, respectively.

Product Specific References

(1) S.A. Cohen & D.P. Michaud; Anal. Biochem. 211, 279 (1993) | (2) M. Pawlowska, et al.; J. Chromatogr. A 641, 257 (1993) | (3) H.J. Liu, et al.; J. AOAC Intern. 78, 736 (1995) |
(4) S.A. Cohen; J. Chromatogr. Lib. 70, 242 (2005) | (5) T.S. Weiss; J. Chromatogr. Lib. 70, 502 (2005) | (6) G. Sharma, et al.; Amino Acids 46, 1253 (2014) | (7) K. Szkudzinska, et al.; Accred. Qual. Assur. 22, 247 (2017)

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