

PRODUCT DATASHEET

Chrometra Acrylink NHS

Product code: ER-90 range | Version: V1.0 | Issue date: 01.10.2026

Product Overview

Chrometra Acrylink NHS is an amine-reactive, polymerizable NHS-ester reagent for hydrogel grafting and expansion microscopy. It provides a link between primary-amine-containing biomolecules and the polymeric network in the gel. The reagent is used as a general linker in the supplied membrane, lectin and tubulin expansion-microscopy workflows.

Recommended application: Biomolecule anchoring before gelation in hydrogel imaging and expansion microscopy.

Target / function: Primary-amine coupling through NHS ester and incorporation into polymeric gels.

Compatible sample types: Samples prepared for the membrane, lectin and tubulin workflows.

Product Contents

Description

Acrylink NHS anchoring reagent

Quantity

1mg, 5mg or 10mg

Product Variants

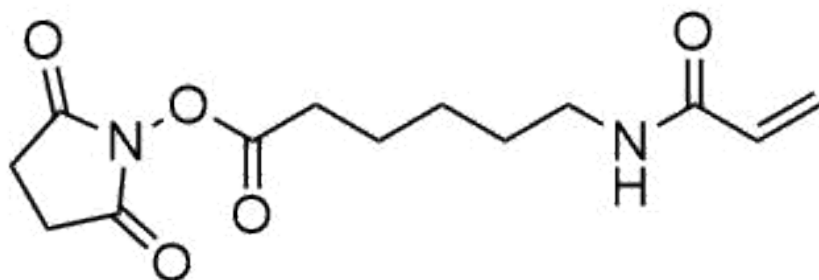
Product	Size	Product code
Acrylink NHS	S	ER-60-300-S
Acrylink NHS	M	ER-60-300-M
Acrylink NHS	L	ER-60-300-L

Product Specifications

Molecular properties:

Molecular formula: $C_{13}H_{18}N_2O_5$

Molecular weight: 282.30 g/mol



Storage and Handling

Store the product under the recommended conditions upon receipt. Keep the container tightly closed and protect from conditions that may affect product stability. Allow the product to reach the appropriate handling temperature before opening where required.

Storage temperature: Approximately -20 °C /-4°F (acceptable labelled range -5 to -30 °C/ 23° to -22°F).

Shelf life: Check the tube

Stability after reconstitution: Soluble in DMSO and DMF; hydrolyses in water. Protect from heat and moisture, and store under dry inert gas where specified.

Light protection: Protect the reagent from light.

Refer to the Safety Data Sheet for complete safety and handling information.

Protocol list

For more details check the Chrometra General ExM Protocol

Important Notes and Limitations

- Recommended conditions are provided as a starting point and may require optimisation for specific samples, applications or experimental workflows.
- Prepare working solutions fresh where specified and follow the recommended storage and handling conditions.

- Performance with applications, sample types or workflows not listed in this datasheet has not been evaluated unless otherwise stated.
- Review all product-specific precautions before use and consult the applicable Safety Data Sheet for safety information.

For research use only. Not intended for diagnostic or therapeutic use.

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