

PRODUCT DATASHEET

Chrometra Acrylink Biotin

Product code: ER-60 range | Version: 1.0 | Issue date: 13.10.2026

Product Overview

Chrometra Acrylink Biotin is a trifunctional, amine-reactive linker comprising an NHS ester, a polymerizable acrylate moiety and a biotin group. The NHS ester reacts with accessible primary amines on biomolecules, introducing biotin at the labelled site, while the acrylate enables incorporation into a surrounding polymeric matrix.

Recommended application: Simultaneous biotinylation and biomolecule anchoring for expansion microscopy and related hydrogel-based workflows.

Target / function: Covalent grafting of biotin onto proteins and other primary-amine-containing biomolecules, with optional anchoring in polymeric gels.

Compatible sample types: Fixed cells and tissue samples, as well as isolated proteins and other amine-containing biomolecules.

Product Contents

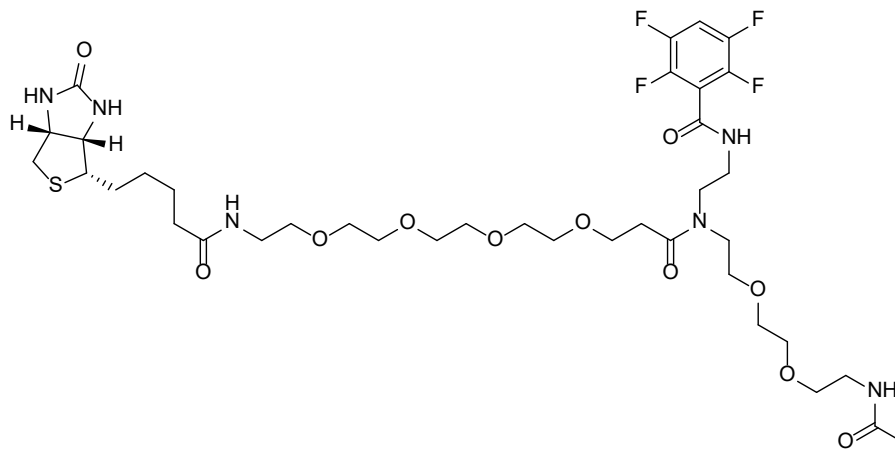
Description	Quantity
Acrylink Biotin powder	1 mg

Product Variants

Product	Size	Product code
Chrometra Acrylink Biotin	1 mg	ER-60-305-1

Product Specifications

Chemical structure:



Analysis data	
Molar Mass	894.98 g/mol
Elemental composition	C ₃₉ H ₅₈ F ₄ N ₆ O ₁₁ S
Purity	>95%

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: - 20°C / - 4°F

Shelf life: Refer to product label.

Stability after reconstitution: At least six months in methanol when stored at -20°C, desiccated and protected from light.

Light protection: Protect stock solutions from light.

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

Protocol list

- Preparing the Stock Solution.

For more details check the general ExM protocol file.

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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