



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Information

Biotin-4-Fluorescein

Catalog Number: 90062

Unit Size: 10 mg

Storage and Handling

Store desiccated at -20°C. Protect from light. Product is stable for at least 12 months from date of receipt when stored as recommended.

Molecular Information: C₃₃H₃₂N₄O₈S

CAS number: 1032732-74-3

Molecular Weight: 645

Color and Form: Yellow solid

Purity: >95%

Solubility: Soluble in DMSO, or pH>7 buffers

Absorption/Emission: 494/523 nm

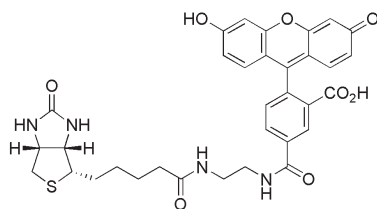


Figure 1. Biotin-4-fluorescein

Product Description

Biotin-4-fluorescein has been reported to be a superior fluorescent biotin derivative for accurate measurement of avidin and streptavidin in crude biological samples. Binding of biotin to avidin and streptavidin is high affinity, fast and noncooperative.

[Browse our website](#) to view our full selection of biotin and CF® Dye conjugates.

References

- PNAS 102, 24, pp 8507 (2005);
- Biochim Biophys Acta 1427, 33 (1999);
- Biochim Biophys Acta 1427, 44 (1999).

Related Products

| Cat. No. | Product |
|----------------|-----------------------------------------------------|
| 92208...92228 | CF® Dye & Biotin SE Protein Labeling Kits |
| 00017 | Biotin-XX-α-Bungarotoxin |
| 00020 | Biotin-cAMP |
| 60022 | Biotin-DHPE |
| 80019 | Fluorescein Biotin |
| 80022 | Biotin-Rhodamine 110 |
| 92167 | Biotin Azide |
| 92176 | Biotin-XX Tyramide |
| 92168 | Biotin Alkyne |
| 29030... 29086 | CF® Dye Streptavidin Conjugates |
| 29049 | HRP Streptavidin |
| 29071 | Alkaline Phosphatase Streptavidin |
| 29048 | APC Streptavidin |
| 29044 | R-PE Streptavidin |
| 40061 | RedDot™2 Far Red Nuclear Counterstain, 200X in DMSO |
| 40083...41040 | NucSpot® Nuclear Stains |
| 23001 | EverBrite™ Mounting Medium |
| 23002 | EverBrite™ Mounting Medium with DAPI |
| 23003 | EverBrite™ Hardset Mounting Medium |
| 23004 | EverBrite™ Hardset Mounting Medium with DAPI |
| 23005 | CoverGrip™ Coverslip Sealant |
| 22015 | Fixation Buffer, 100 mL |
| 22016 | Permeabilization Buffer, 100 mL |
| 22017 | Permeabilization and Blocking Buffer, 100 mL |
| 22010 | 10% Fish Gelatin Blocking Buffer, 100 mL |
| 22011 | Fish Gelatin Powder, 2 X 50 g |
| 22014 | 30% Bovine Serum Albumin Solution, 100 mL |
| 22002 | Tween®-20, 50 mL |

Please visit our website at www.biotium.com for information on our life science research products, including fluorescent CF® Dye antibody conjugates and reactive dyes, biotinylation reagents with a full selection of reactive functional groups, as well as easy-to-use protein and antibody biotinylation kits, and kits for cell biology research.

CF dye technology is covered by pending US and international patents. TWEEN is a registered trademark of CRODA AMERICAS LLC.

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