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: $C_{33}H_{32}N_4O_8S$
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

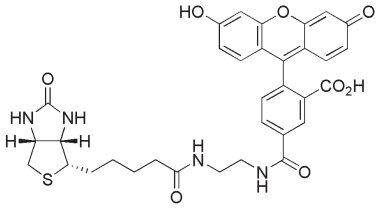


Figure 1. Biotin-4-fluorescein

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

1. PNAS 102, 24, pp 8507 (2005); 2. Biochim Biophys Acta 1427, 33 (1999); 3. 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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