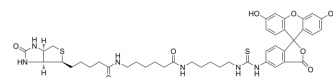


## Fluorescein Biotin

Cat. No.:	HY-D1030
CAS No.:	134759-22-1
Molecular Formula:	C <sub>42</sub> H <sub>50</sub> N <sub>6</sub> O <sub>8</sub> S <sub>2</sub>
Molecular Weight:	831.01
Target:	Fluorescent Dye
Pathway:	Others
Storage:	4°C, protect from light * The compound is unstable in solutions, freshly prepared is recommended.



### BIOLOGICAL ACTIVITY

#### Description

Fluorescein Biotin is used as an alternative to radioactive biotin for detecting and quantitating biotin-binding sites by either fluorescence or absorbance; the the fluorescence or absorbance of Fluorescein Biotin is quenched, upon binding to avidin or streptavidin.

### REFERENCES

[1]. Gruber HJ, et al. Accurate titration of avidin and streptavidin with biotin-fluorophore conjugates in complex, colored biofluids. Biochim Biophys Acta. 1998 Jul 23;1381(2):203-12.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA