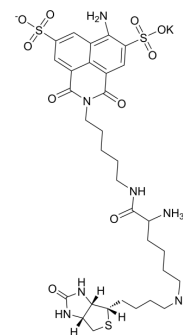


Biocytin Lucifer Yellow potassium

Cat. No.:	HY-D1638
Molecular Formula:	C ₃₂ H ₄₄ KN ₇ O ₁₀ S ₃
Molecular Weight:	822.03
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Biocytin Lucifer Yellow potassium is a water soluble fluorescent dye. Biocytin Lucifer Yellow potassium exhibits strong fluorescence from 450 to 650 nm, and can be used for tracing retinal neurons^{[1][2]}.

REFERENCES

- [1]. Vaney DI. Many diverse types of retinal neurons show tracer coupling when injected with biocytin or Neurobiotin. *Neurosci Lett.* 1991 Apr 29;125(2):187-90.
- [2]. Xuedong Song, et al. Conjugated Polymers as Efficient Fluorescence Quenchers and Their Applications for Bioassays. *Chemistry of Materials* 2002 14 (5), 2342-2347.

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

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