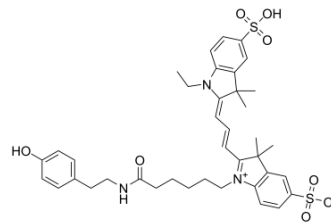


Cyanine 3 Tyramide

Cat. No.:	HY-136248
CAS No.:	174961-75-2
Molecular Formula:	C ₃₉ H ₄₇ N ₃ O ₈ S ₂
Molecular Weight:	749.94
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Cyanine 3 Tyramide (Tyramide-Cy3), an orange fluorescent dye, is utilized as reporter fluorescent substrate for horseradish peroxidase (HRP)-catalyzed deposition that is signal amplification technique in immunoassay and in situ hybridization of nucleic acids^{[1][2]}.

REFERENCES

- [1]. Chao J, et, al. Immunofluorescence signal amplification by the enzyme-catalyzed deposition of a fluorescent reporter substrate (CARD). *Cytometry*. 1996 Jan 1;23(1):48-53.
- [2]. Schmidt BF, et, al. Signal amplification in the detection of single-copy DNA and RNA by enzyme-catalyzed deposition (CARD) of the novel fluorescent reporter substrate Cy3.29-tyramide. *J Histochem Cytochem*. 1997 Mar;45(3):365-73.

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

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