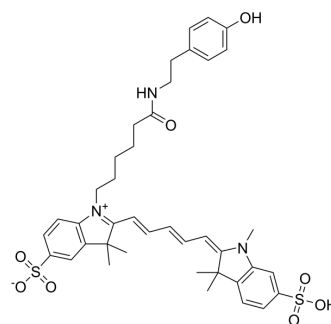


## Cyanine 5 Tyramide methyl indole

Cat. No.:	HY-136247A
Molecular Formula:	C <sub>40</sub> H <sub>47</sub> N <sub>3</sub> O <sub>8</sub> S <sub>2</sub>
Molecular Weight:	761.95
Target:	DNA Stain
Pathway:	Cell Cycle/DNA Damage
Storage:	-20°C, stored under nitrogen, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from moisture)



### BIOLOGICAL ACTIVITY

#### Description

Cyanine 5 Tyramide (Tyramide-Cy5) methyl indole is a red fluorescent dye. Cyanine 5 Tyramide 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<sup>[1]</sup>. Storage: protect from light.

### REFERENCES

[1]. Huang X, et, al. Quantum dot-based FRET for sensitive determination of hydrogen peroxide and glucose using tyramide reaction. *Talanta*. 2013 Mar 15;106:79-84.

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

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