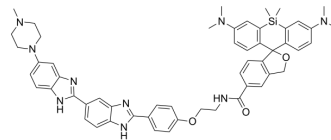


5-HMSiR-Hoechst

| | |
|--------------------|---|
| Cat. No.: | HY-D2222 |
| Molecular Formula: | C ₅₄ H ₅₇ N ₉ O ₃ Si |
| Molecular Weight: | 908.17 |
| Target: | Fluorescent Dye |
| Pathway: | Others |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

5-HMSiR-Hoechst is a DNA probe. 5-HMSiR-Hoechst comprises Hoechst 33258 and spontaneously blinking far-red hydroxymethyl silicon-rhodamine (HMSiR). 5-HMSiR-Hoechst can stain living cells. Ex/Em=640 nm/675 nm^{[1][2]}.

REFERENCES

[1]. Jonas Bucevičius, et al. Far-red switching DNA probes for live cell nanoscopy. *Chem Commun (Camb)*. 2020, 56, 94.

[2]. S. H. Ferreira, et al. A bradykinin-potentiating factor (bpf) present in the venom of bothrops jararaca. *Br J Pharmacol Chemother*. 1995, 24, 1.

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

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