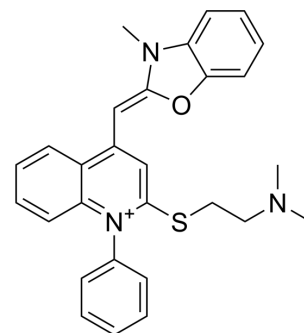


SYBR Green II (Ionic form)

Cat. No.:	HY-D1098A
CAS No.:	178919-00-1
Molecular Formula:	C ₂₈ H ₂₈ N ₃ OS ⁺
Molecular Weight:	454.61
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

SYBR Green II (Ionic form) is a fluorescent nucleic acid dye that mainly binds single-stranded nucleotides. SYBR Green II is sensitive to oligonucleotides or larger nucleic acid polymers in a variety of cells and gels. SYBR Green II can be used to study cell structure, membrane integrity or function, and cell cycle distribution. Wavelength 484/515 nm^[1].

REFERENCES

[1]. Yue S T, et al. Substituted unsymmetrical cyanine dyes with selected permeability: U.S. Patent 5,658,751[P]. 1997-8-19.

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

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