

PRODUCT: SYBR Green I**ALTERNATE NAMES:**

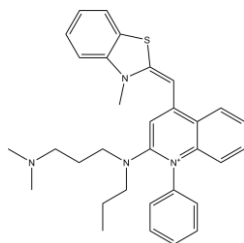
Sybr green; N,N-dimethyl-N'-[4-[(E)-(3-methyl-1,3-benzothiazol-2-ylidene)methyl]-1-phenylquinolin-1-ium-2-yl]-N'-propylpropane-1,3-diamine; Nucleic acid gel stain; SYBR(R) GREEN; SYBR GREEN I NUCLEIC ACID GEL STAIN; NUCLEIC ACID GEL STAIN

CATALOG #:

B1747-5
B1747-25

AMOUNT:

5 mg, 25 mg

STRUCTURE:**MOLECULAR FORMULA:**

509.73

MOLECULAR WEIGHT:

C₃₂H₃₇N₄S

CAS NUMBER:

163795-75-3

APPEARANCE:

Solid powder

SOLUBILITY:

Soluble in DMSO

PURITY:

≥98% by LCMS and NMR analysis

STORAGE:

Dry, dark and at -20°C. Protect from air and light.

DESCRIPTION:

SYBR Green I is a highly sensitive fluorescent DNA binding stain for staining of double stranded DNA (dsDNA) or oligonucleotides in agarose or polyacrylamide gels.

HANDLING:

Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

- Actinomycin D (Cat. No. 1036-50, 5MG, 50MG)
- 7-Aminoactinomycin D (Cat. No. 2725-1, 5)
- Cell-mediated cytotoxicity Fluorometric Assay kit (7-AAD/CFSE) (Cat. No. K315-100)
- ER-Hunt Green (Cat. No. 9548-100)
- ER-Hunt Red (Cat. No. 9549-100)
- Safe Image™ Basic DNA Stain (Cat. No. M1193-1000)
- Safe Image™ Green DNA Stain (Cat. No. M1194-1000)
- Safe Image™ Red DNA Stain (Cat. No. M1195-1000)
- Safe Image™ White DNA Stain (Cat. No. M1196-1000)
- Safe Image™ DNA Stain Pack (Cat. No. M1197-1000)
- Safe Image Super™ DNA Stain (Cat. No. M1198-1000)
- Safe Image™ Fire Red DNA Stain (Cat. No. M1199-1000)

USAGE:

FOR RESEARCH USE ONLY! Not to be used in humans