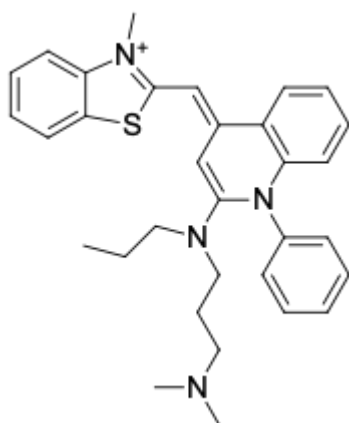


## dsGreen®, solid form

<http://www.lumiprobe.com/p/dsgreen-i-solid-form>

dsGreen® is a highly sensitive and selective stain for double-stranded DNA (dsDNA). dsGreen solutions are used for DNA binding and [gel staining](#). This product is a solid form of dsGreen that can be used to prepare solutions according to research protocols. Lumiprobe also manufactures dsGreen in the form of [a solution](#) specifically optimized for real-time PCR.



**Structure of dsGreen**

### General properties

Appearance:	orange crystals
Molecular weight:	509.73
CAS number:	163795-75-3
Molecular formula:	C <sub>32</sub> H <sub>37</sub> N <sub>4</sub> S
Solubility:	good in DMSO
Quality control:	NMR <sup>1</sup> H, HPLC-MS (95%)
Storage conditions:	Storage: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Avoid prolonged exposure to light.
Legal statement:	Product is offered and sold for research purposes only. Product is not tested for safety and efficacy in food, drug, medical device, cosmetic, no express or implied authorization to use for any other purpose, including, without limitation, in vitro diagnostic purposes, for humans or animals or for commercial purposes.

### Spectral properties

Excitation/absorption maximum, nm:	454
Emission maximum, nm:	524

SYBR® is a registered trademark of Life Technologies.