



## Product Specifications

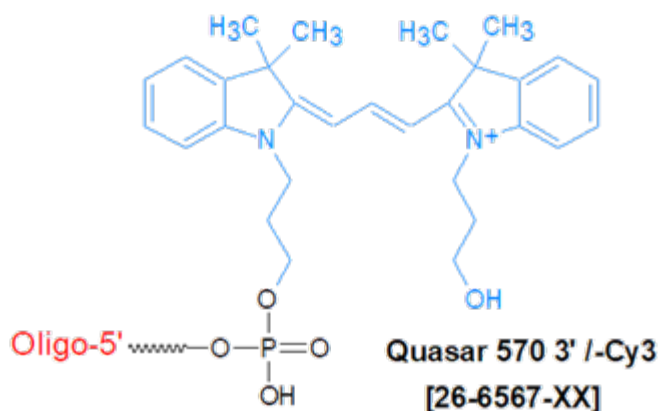
Custom Oligo Synthesis, antisense oligos, RNA oligos, chimeric oligos, Fluorescent dyes, Affinity Ligands, Spacers & Linkers, Duplex Stabilizers, Minor bases, labeled oligos, Molecular Beacons, siRNA, phosphonates Locked Nucleic Acids (LNA); 2'-5' linked Oligos

## Oligo Modifications

For research use only. Not for use in diagnostic procedures for clinical purposes.

### Quasar 570-3'

Category	Fluorescent Dyes
Modification Code	Qsr-570
Reference Catalog Number	26-6567
5 Prime	N
3 Prime	Y
Internal	N
Molecular Weight(mw)	620.74



**Quasar 570 is identical to Cy3 and Quasar 670 is identical to Cy5. Cy3 and Cy5 named fluorophores are available for 5', 3', Internal and NHS forms for post synthesis conjugation. Please see related fluorophores listed above. Click here for list of fluorophores.**

Quasar 570 is an indocarbocyanine which fluoresces in the yellow-orange region of the visible spectrum. This fluorophore is a direct replacement for Cy3 dye. Quasar 570 amidite is used for the 5' labeling of fluorogenic probes used in 5' nuclease assays, Molecular Beacons, Scorpions primers, and other detection assays. BHQ-2 dye will quench the Quasar 570 moiety. For internal labeling we recommend the use of Cy3-NHS that is conjugated post synthesis using an amino group. BR>

#### Quencher Spectral Data

Quencher

Absorption Max, nm

Quenching Range, nm Dabcyl 453 380-530 BHQ1 534 480-580 BHQ2 579 550-650 BHQ3 672 620-730 BBQ-650 650 550-750 Click here for complete list of quenchers \*\*Black Hole Quencher License Agreement

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