

# *Chem-Impex International, Inc.*

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## *Product Specifications*

**Catalogue Number** 35180

**Product** **Cy5 biotin**

**Molecular Formula** C<sub>51</sub>H<sub>72</sub>N<sub>6</sub>O<sub>15</sub>S<sub>4</sub>

**Molecular Weight** 1136.39

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**Appearance** Blue solid

**Solubility** Soluble in Water, DMSO, DMF, MeOH

**UV Ratios**  $\lambda_{\max} = 649/671$  nm

**Extinction Co-Efficient** 250,000

**Purity by HPLC**  $\geq 95\%$

**Storage** Store at -10°C, desiccate and shipped at ambient temperature

**Additional Information** Flow Cytometry Laser Line : 633 or 635 nm  
Microscopy Laser Line : 633 or 635 nm  
Spectrally Similar Dyes : Alexa Fluor® 647, CF™ 647 Dye, DyLight™ 649

**For Laboratory Use Only**