

Cy5

Cat. No. DYE-3 **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Description

Cy5 dye is a bright, far-red-fluorescent dye with excitation ideally suited for the 633 nm or 647 nm laser lines. A significant advantage to using long wavelength dyes such as Cy5 dye over other fluorophores is the low autofluorescence of biological specimens in this region of the spectrum. The Cy5 fluorophore is also the basis for the lipophilic neuronal and long-term DiD cell tracing reagents, which append alkyl tails (≥ 12 carbons) onto the core fluorophore.

Molecular Mass 694.9

Formula C₃₃H₃₉KN₂O₈S₂

Ex(nm) 646

Em(nm) 664

Storage Store at -20°C in the dark. Dessicated.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA