

Resorufin, sodium salt

Cat. No. DYE-159 **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Description Resorufin is an anionic tricyclic dye. Resorufin is used as a calibration standard for resorufin-derived enzyme substrates. It has pH dependent absorption and emission over the range of 5 to 9, exhibiting yellow fluorescence at pH 4.4 and weak orange fluorescence at pH 6.4. It is also the reduction product of resazurin in cells.

CAS number 34994-50-8

Molecular Mass 235.17

Formula C₁₂H₆NNaO₃

Ex(nm) 571

Em(nm) 585

Solvent DMSO

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