

5(6)-ROX [5-(and 6)-Carboxy-X-rhodamine] *Mixed isomers*

Cat. No. DYE-56 Lot. No. (See product label)

SPECIFICATION

Product Overview

Description

ROX dyes are strongly red fluorescent. They have longer excitation and emission wavelengths than the "conventional" rhodamines. These dyes are used to label peptides, proteins, and other biological ligands. 5-ROX, 6-ROX and their mixture 5(6)-ROX are used to label biomolecules by EDC-mediated reactions. The ratio of 6-isomer/5-isomer is in the range 3/1 to 6/1. Compared to other rhodamines, ROX is very unstable. Cautions must be exercised to prevent the deterioration during storage.

Molecular Mass 534.6

Formula C₃₃H₃₀N₂O₅

Ex(nm) 568

Em(nm) 591

Solvent DMSO

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

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