

Sulforhodamine 101

Cat. No. DYE-187 **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Description

Sulforhodamine 101 is a nonfixable red fluorescent dye (excitation max: 586 nm; emission max: 605 nm) that can be used as a specific marker for astrocytes and an activity-dependent probe for monitoring regulated exocytosis. It has been reported to induce long-term potentiation of intrinsic neuronal excitability and a long-lasting increase in evoked excitatory postsynaptic potentials in CA1 pyramidal neurons in hippocampal slices.

CAS number 60311-02-6

Molecular Mass 606.71

Formula C₃₁H₃₀N₂O₇S₂

Ex(nm) 586

Em(nm) 605

Solvent Water

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

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