

SRB sulfonyl chloride [Sulforhodamine B sulfonyl chloride]

Cat. No. DYE-25 Lot. No. (See product label)

SPECIFICATION

Product Overview

Description

SRB sulfonyl chloride (also called Lissamine rhodamine sulfonyl chloride) is highly fluorescent. It is quite unstable in water, especially at the higher pH required for reaction with aliphatic amines. Protein modification by this reagent is frequently done at low temperature (preferably at 4 centigrade). This reagent reacts with amine compounds such as amino acids, peptides and proteins to give bright red fluorescent conjugates that are extremely stable, and resistant to protease-catalyzed hydrolysis. Unlike succinimidyl esters, sulfonyl chlorides react with both aliphatic amines and aromatic amines indiscriminately.

Molecular Mass

577.11

Ex(nm)

568

Em(nm)

583

Solvent

DMF

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