



## SulfoRhodamine B (SRB)

### Product Information

Product name cat.number	MW (g·mol <sup>-1</sup> )	$\lambda_{exc}$ $\lambda_{em. max.}$ Free Ca <sup>2+</sup> (nm)	
<b>SulfoRhodamine B (SRB)</b> FP-700710, 5g	558.68	560/584nm	The dye sulforhodamine B (also called Lissamine Rhodamine) is a superior alternative to the popular aminereactive dye sulforhodamine B sulfonyl chloride.
<b>SRB-PEO8 SE</b> FP-BW739A, 1mg	1079.24	560/580nm	An approximately 32 Angstrom water-soluble PEG spacer that separates the dye from the amine-reactive SE group

**Storage:** -20°C, except SRB (FP-700710) to store at room temperature.

Protect from light, especially in solution

### Introduction

SRB is mainly used as polar tracer in cells. It is also used for in vitro cell-based screening of anticancer drugs, where it is believed to bind basic aminoacids of cellular proteins.

Applications and protocols may be found in the literature.

### Bibliography

- **Chodosh J. et al.**, Staining characteristics and antiviral activity of sulforhodamine B and lissamine green B, *Invest Ophthalmol Vis Sci.* Mar;35(3):1046-58 (1994)
- **Oshima A. et al.**, Two-photon microscopic analysis of acetylcholine-induced mucus secretion in guinea pig nasal glands, *Cell Calcium* 37, 349-57 (2005)
- **Shuping Yin et al.**, Maspin Retards Cell Detachment via a Novel Interaction with the Urokinase-Type Plasminogen Activator/Urokinase-Type Plasminogen Activator Receptor System, *Cell, Tumor, and Stem Cell Biology, Cancer Research* 66, 4173-4181 (2006)

## Ordering information

Catalog size quantities and prices may be found at <http://www.fluoprobes.com>

Please inquire for higher quantities (availability, shipment conditions).

For any information, please ask : FluoProbes® / Interchim; Hotline : +33(0)4 70 03 73 06

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