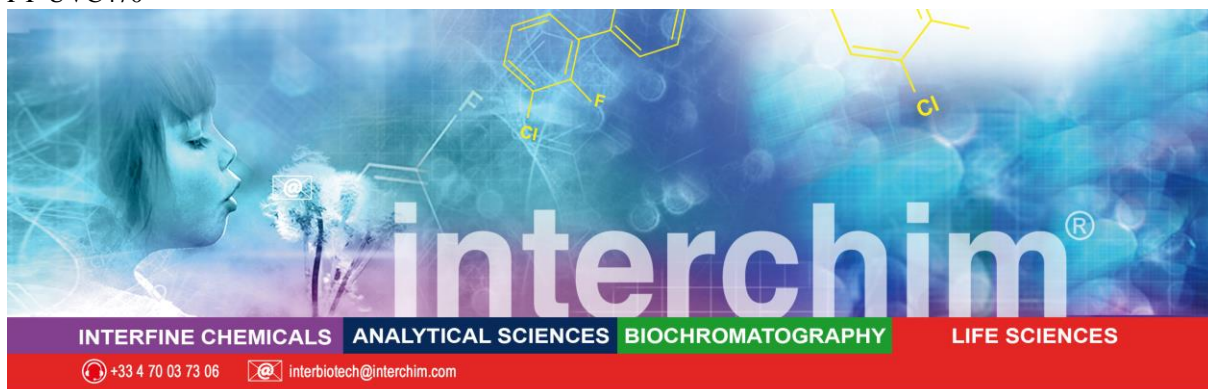


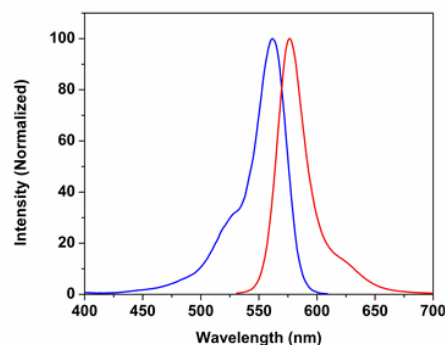
FT-UVC470



Calcein Red sodium salt

Product Description

Name :	Calcein Red sodium salt
Catalog Number :	FP-UVC470, 1mg
Molecular Weight :	MW= 825.44
Solubility:	Water
Absorption / Emission :	$\lambda_{exc} \backslash \lambda_{em}$ (MeOH) = 560/574 nm
Storage:	-20°C Protect from light and moisture



Introduction

Calcein AM is one of the most popular fluorescent probes used for labeling and monitoring cellular functions of live cells. However, the single color of Calcein AM makes it impossible to use this valuable reagent in the multicolor applications. For example, it is impossible to use Calcein AM in combination of GFP-transfected cells due to the same color to GFP. To address this color limitation of Calcein AM, Calcein Red has been developed. These new Calcein AM analogs enable the multicolor labeling and functional analysis of live cells in combination with Calcein AM. Calcein Red dye can be monitored with the common TRITC/Cy3 filter set.

Directions for use

Guidelines for use

Protocol may be found in the literature.

References

- Muz B. *et al.*, CD138-Independent Strategy for Detecting Residual and Circulating Myeloma Plasma Cells, *Blood*, 124: 2077 (2014)
- Wang Hsiang-Yu *et al.*, A microfluidic cell array with individually addressable culture chambers, *Biosensors and Bioelectronics*, 24, 4:613–617 (2008)



Ordering information

Catalog size quantities and prices may be found at <http://www.interchim.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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