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Expressway to Discovery

9620 Medical Center Drive, Suite 101
Rockville, MD 20850, USA
Web: www.abpbio.com

RH 795

Catalog Number	Packaging Size
C267	1 mg

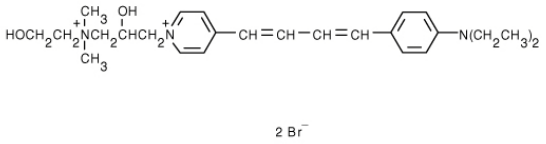
Storage upon receipt: -20°C, protected from light

Introduction

RH 795 is a dialkylaminophenylpolyenylpyridinium dye that is principally used for functional imaging of neurons. RH 795 produced negligible side effects when tested in vitro using hippocampal slices and in vivo using single-unit recordings in cat and monkey visual cortices.

Specifications

Label:	RH 795
Ex/Em:	486/689 nm
Detection Method:	Fluorescent
Solubility:	DMSO, DMF
Molecular Formula:	$C_{26}H_{39}Br_2N_3O_2$
Molecular Weight:	585.42
CAS Number:	172807-13-5
Storage Conditions:	-20°C, protected from light
Shipping Condition:	Room Temperature



Applications

Membrane potential indicator

References:

A new neurophysiological/neuropathological ex vivo model localizes the origin of glioma-associated epileptogenesis in the invasion area.
Senner V, Köhling R, Püttmann-Cyrus S, Straub H, Paulus W, Speckmann EJ
Acta Neuropathol (Berl) (2004) 107:1-7

Novel naphthylstyryl-pyridium potentiometric dyes offer advantages for neural network analysis.
Obaid AL, Loew LM, Wuskell JP, Salzberg BM
J Neurosci Methods (2004) 134:179-190

Optical current source density analysis in hippocampal organotypic culture shows that spreading depression occurs with uniquely reversing currents.