**Product Description**

**Name:** RH 461  
N-(3-(Trimethylammonium)propyl)-4-(4-(p-diethylaminophenyl)butadienyl)pyridium, dibromide  
4-[4-[(Diethylamino)phenyl]-1,3-butadienyl]-1-[3-(trimethylammonio)propyl]-,dibromide

**Catalog Number:** FP-BV7320  
5 mg

**Structure:**  
\[
\text{C}_{25}\text{H}_{39}\text{Br}_{2}\text{N}_{3}
\]

**CAS:** [108641-88-9]

**Molecular Weight:** MW = 539.37

**Solubility:** DMSO, DMF, H₂O and CH₃OH

**Absorption / Emission:**  
\[\lambda_{\text{exc}}, \lambda_{\text{em}} \text{(CH}_3\text{OH}) = 530 / 712 \text{ nm}\]

**EC (M⁻ cm⁻¹):**

**Storage:** -20°C  
Protect from light and moisture

**Directions for use**

**Guidelines for use**

For optical recording of synaptic responses, continuously superfuse with 100 µM solution of the voltage-sensitive fluorescent dye RH461 for 30-45 min

Other protocol may be found in the literature.

**References**

  [Article](#)

  [Article](#)

  [Article](#)

**Technical and scientific information**

**Related / associated products and documents**

See [BioSciences Innovations catalogue](#) and [e-search tool](#).

- RH 414, **FP-47009A**
- DiSBAC2(3), **FP-46603A**
- DiBAC4(3), **FP-46600A**
- TMRM, **FP-21089A**
Ordering information

Catalog size quantities and prices may be found at 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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