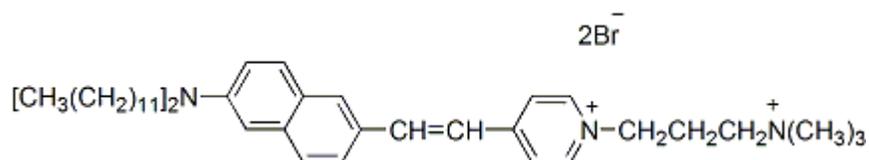


PRODUCT AND SAFETY DATA SHEET

PRODUCT NAME: Di-12-ANEPPQ**CATALOGUE #:** 61015**MOLECULAR INFORMATION:** C₄₇H₇₇Br₂N₃
Mwt: 842.8**PROPERTIES:**

| | |
|-------------------------------|------------------------|
| Color & Form | Dark red solid |
| Purity | ≥ 95% by TLC |
| Solubility | Soluble in DMSO or DMF |
| Absorption/Emission | 522 nm / 720 nm (MeOH) |
| Extinction Coefficient | ≥ 37,000 |

STORAGE AND HANDLING: Store desiccated at -20 °C and protect from light especially in solution.**APPLICATION:** Di-12-ANEPPQ is a fast-responding membrane potential dye. It is more hydrophobic than Di-8-ANEPEQ and is useful for potential-sensitive retrograde labeling of neurons.Ref.: 1) *J. Neurosci. Methods* **70**, 121(1996); 2) *J. Neurosci. Methods* **70**, 111(1996)**TOXICITY:** Unknown.**FIRST AID:** Potentially harmful. Avoid prolonged or repeated exposure. Avoid getting in eyes, on skin, or on clothing. Wash thoroughly after handling. If eye or skin contact occurs, wash affected areas with plenty of water for 15 minutes and seek medical advice. In case of inhaling or swallowing, move individual to fresh air and seek medical advice immediately.**Disclaimer:** Materials from Biotium are sold for research use only, and are not intended for food, drug, household, or cosmetic use. Biotium is not liable for any damage resulting from handling or contact with this product.