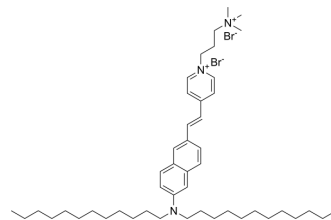


## Di-12-ANEPPQ

Cat. No.:	HY-D1426
CAS No.:	217176-86-8
Molecular Formula:	C <sub>47</sub> H <sub>77</sub> Br <sub>2</sub> N <sub>3</sub>
Molecular Weight:	843.94
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Di-12-ANEPPQ is a fast-responding membrane potential dye. Di-12-ANEPPQ, the lipophilic dye, shows cell-specific loading and Golgi-like staining patterns with minimal background fluorescence in the slices of neocortex and hippocampus<sup>[1]</sup>.

### REFERENCES

[1]. Nikolay Aseyev, et al. Biolistic delivery of voltage-sensitive dyes for fast recording of membrane potential changes in individual neurons in rat brain slices. *J Neurosci Methods*. 2013 Jan 15;212(1):17-27.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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