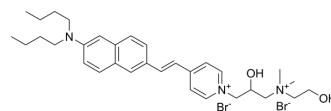


Di-4-ANEPPDHQ

Cat. No.:	HY-D1428		
CAS No.:	797785-10-5		
Molecular Formula:	C ₃₂ H ₄₇ Br ₂ N ₃ O ₂		
Molecular Weight:	665.54		
Target:	Fluorescent Dye		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (150.25 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.5025 mL	7.5127 mL	15.0254 mL
	5 mM	0.3005 mL	1.5025 mL	3.0051 mL
	10 mM	0.1503 mL	0.7513 mL	1.5025 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Di-4-ANEPPDHQ, a fluorescent probe for the visualisation of membrane microdomains in living *Arabidopsis thaliana* cells^[1].

REFERENCES

[1]. Xiaoyu Zhao, et al. Di-4-ANEPPDHQ, a fluorescent probe for the visualisation of membrane microdomains in living *Arabidopsis thaliana* cells. *Plant Physiol Biochem.* 2015 Feb;87:53-60.

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

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