

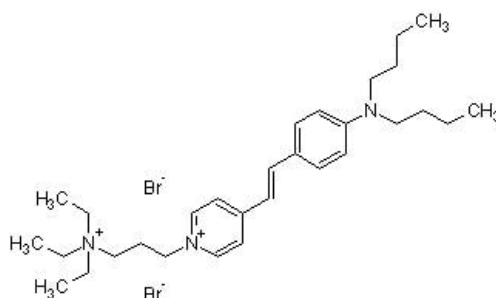
Product datasheet

MM1-43, membrane selective dye ab144814

1 Image

Overview

Product name	MM1-43, membrane selective dye
Description	Membrane selective dye
Biological description	Membrane selective dye. Reversibly binds to the outer leaflet of surface membranes without permeating. Internalizes into vesicles during endocytosis. Dissociates from the membrane during exocytosis.
Purity	> 99%
General notes	The excitation spectrum is 470-480 nm and emission at 575-600 nm when bound to membrane lipids.
CAS Number	149838-22-2
Chemical structure	



Properties

Excitation	510nm
Emission	626nm
Chemical name	4-[2-[4-(Dibutylamino)phenyl]ethenyl]-1-[3-(triethylammonio)propyl]pyridinium dibromide
Molecular weight	611.55
Molecular formula	C ₃₀ H ₄₉ Br ₂ N ₃
PubChem identifier	6508724
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 100 mM
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need

to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

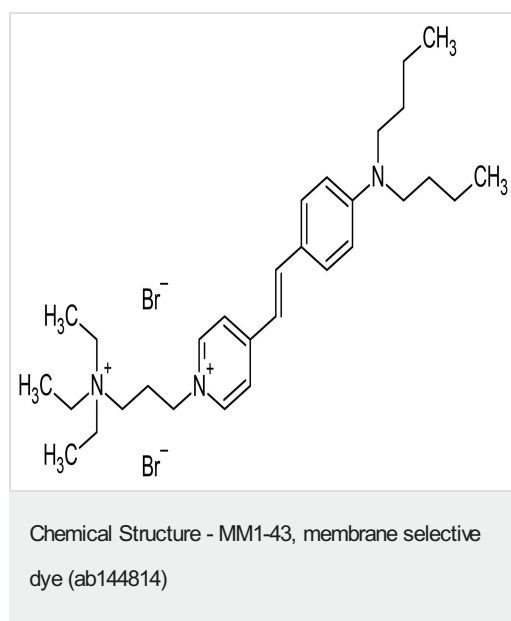
SMILES

CCCCN(CCCC)C1=CC=C(C=C1)C=CC2=CC=[N+](C=C2)CCC[N+](CC)(CC)CC.[Br-].[Br-]

Source

Synthetic

Images



2D chemical structure image of ab144814, MM1-43, membrane selective dye

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
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