

SCAS

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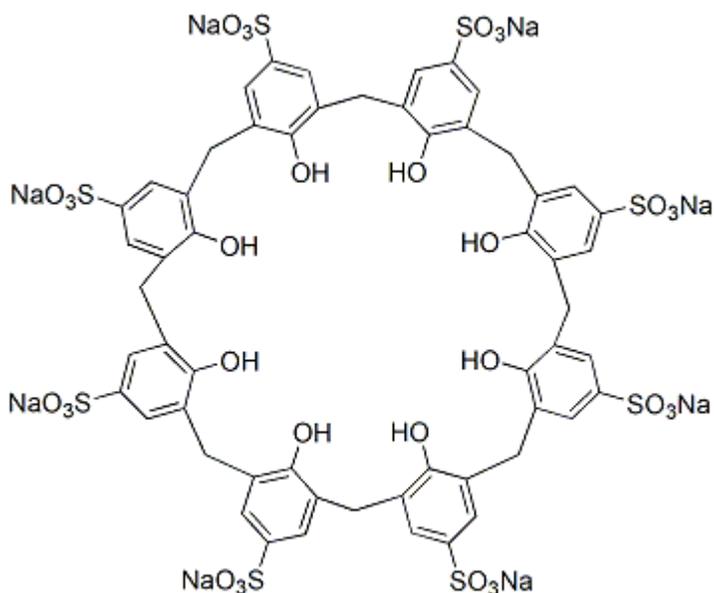
Product attributes

Probe cellular localization	Membrane/vesicular
For live or fixed cells	For live/intact cells

Product Description

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- Off-white solid soluble in water
- $C_{56}H_{40}Na_8O_{32}S_8$
- MW 1665.34



Nerve Terminal Dyes and Kits

Product	Catalog No.	Features
SynptoGreen™ Dyes (Ex/Em ~480/660 nm in membranes)	70020... 70053	View full list of SynptoGreen™ Dyes
SynptoRed Dyes™ (Ex/Em ~510/750 nm in membranes)	70021... 70050	View full list of SynptoRed™ Dyes
Background Reducers		
ADVASEP-7	70029	Sulfonated cyclodextrin that aids in removal of free dye during washes
SCAS	70037	Quenches extracellular fluorescences with fewer wash steps than ADVASEP-7
Sulforhodamine 101	80101	Red fluorescent dye that quenches extracellular fluorescence of SynptoGreen™ dyes
Nerve Terminal Staining Kits		
Nerve Terminal Staining Kit I	70030	Includes SynptoGreen™ C4 and ADVASEP-7
Nerve Terminal Staining Kit II (A)	70031	Includes AM1-43 and ADVASEP-7
Nerve Terminal Staining Kit II (B)	70031-1	Includes AM1-43 and SCAS
Nerve Terminal Staining Kit III	70032	Includes SynptoGreen™ C4 and Sulforhodamine 101
Nerve Terminal Staining Kit V	70034	Includes SynptoRed™ C2 and ADVASEP-7

m is the number of carbons in the lipophilic tail and n is the number of double bonds linking the two aromatic rings in the dye.

**The positively-charged end of SynptoRed C2M is a trimethylammonium group. FM is a registered trademark of Thermo Fisher Scientific.

References

1. J. Biol. Chem, 283(14), 9289(2008) [DOI: 10.1074/jbc.M706499200](#)
2. Dev. Cell, 44(1), 56(2018), [DOI: 10.1016/j.devcel.2017.12.014](#)
3. J. Cell Sci, 127(1), 250(2014), [DOI: 10.1242/jcs.140996](#)
4. J. Cell Sci, 134(2), (2021), [DOI: 10.1242/jcs.25773](#)

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