

**DiPO™-1 [equivalent to POPO®-1] *1 mM
DMSO Solution***Catalog number: 17582
Unit size: 100 ul**Product Details**

Storage Conditions	Freeze (<-15 °C), Minimize light exposure
Expiration Date	12 months upon receiving

Chemical Properties

Appearance	Liquid
Molecular Weight	1170.54
Soluble In	Water

Spectral Properties

Excitation Wavelength	433 nm
Emission Wavelength	457 nm

Applications

DiPO™-1 is the same compound to POPO®-1 (POPO® is the trademark of ThermoFisher). DiPO™-1 is a high-affinity nucleic acid stain based upon a symmetric cyanine dye dimer that is essentially nonfluorescent in the absence of nucleic acids that exhibits excitation/emission maxima ~434/456 nm when bound to nucleic acids. POPO-1 is a Blue emitting dye that can be excited by the 405 laser and emission captured by the 450/50 filter. It is commonly used as a nucleic acid stain in flow cytometry and fluorescence microscopy.