
Product Specifications

LBL-Dye M717

<https://proimaging.fr/home/38-lbl-dye-m717-0201101.html>

Ordering Information

Product Number: 0201101

Product Name: LBL-Dye M715

Product Reference: AA209

Unit Size: 5mg / 10 mg

Storage Conditions: Freeze (≤ -15 °C), Desiccated, Avoid Light

Expiration Date: 12 months upon receiving

Chemical and Spectral Properties

Molecular Weight: ~ 768

Solubility:

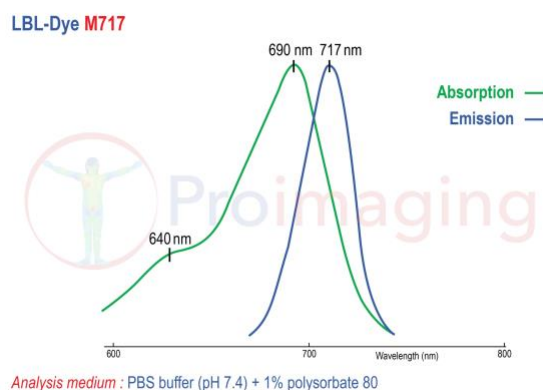
-PBS Buffer (pH 7.4) + 1% polysorbate 80

-DMSO

-Water

Max Absorption: 690 nm

Max Emission: 717 nm



Application Notes

LBL-Dye M717 is a near infrared (NIR) cell membrane labeling dye and mitochondrial tracker for preclinical in-vitro or in-vivo studies.

LBL-Dye M717 is more amphiphilic than Octadecyl Rhodamine B Chloride (R18) and binds to membranes with a 717 nm emission wavelength with a high fluorescence yield.

The fluorophore part of the dye molecule binds at the aqueous interface of the membrane and the alkyl tail enters the lipid layer.

The fluorescence of the dye bound on membranes is first quenched at high dye concentration then released after dilution. This property makes this dye useful for membrane fusion assays.

Product for Research Use Only. Not for Human Use.