

Oil Red O Staining Solution

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Keep away from direct sunlight

Store at RT

Actual storage temperature shall be subject to the COA.

Biological Description

Description

Oil Red O is a lipid-soluble azo dye. When lipids in a sample (such as lipid droplets and triglycerides) come into contact with Oil Red O, the dye molecules diffuse physically into the lipids and form noncovalent interactions with them, causing the lipids to appear bright red. Oil Red O shows selectivity in binding to lipids, with a strong affinity for neutral fats but weaker binding to polar lipids such as phospholipids. Therefore, it stains lipid droplets but not biological membranes.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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