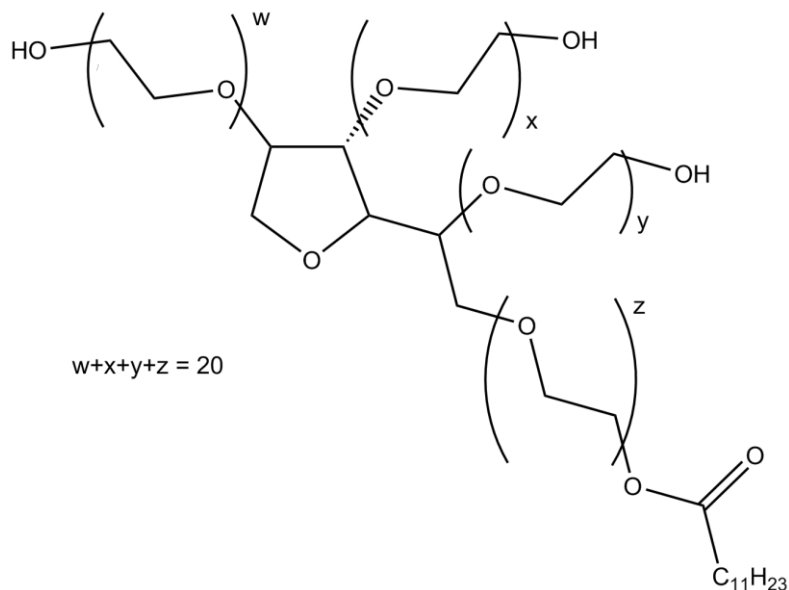


P720
Tween® 20


Synonym: Polysorbate 20, Polyoxyethylenesorbitan Monolaurate 20,
CAS: 9005-64-5
Formula: $C_{58}H_{114}O_{26}$
Molecular Wt: 1227.5 g/mol

Properties:

Form: Liquid
Appearance: Clear, Yellow to Yellow-Green, Viscous Liquid
Application: Disinfecting plant tissue for initiation into tissue culture
Solubility: Miscible with Water
Storage Temp: Room Temperature
Typical Working Concentration: 0.1% (w/w)

Application Notes:

Tween® 20 is a non-ionic surfactant often used to lower the surface tension of aqueous explant disinfectant solutions. The concentration of Tween® 20 in the disinfectant solution should at the minimum be greater than the critical micelle concentration 0.06% (w/w). Disinfectants such as hypochlorous acid (Bleach) will hydrolyze Tween® 20 with time. Prepare your solutions immediately before disinfecting.

References:

Merck 13, 7664

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