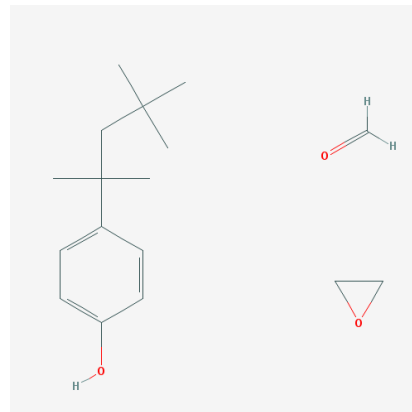


FT-24591E

TYLOXAPOL

Product description

Name:	Tyloxapol , USP grade Syn.: Ethoxylated p-tert-octylphenol formaldehyde polymer; 4-(1,1,3,3-Tetramethylbutyl)phenol polymer with formaldehyde and oxirane; Triton A20, Triton WR-1339; Macrocydon; Superinone; Alevoire; Enuclene; Superinone; SuperVent; Translight
Catalog #:	24591E, 100g Formula: (C ₁₇ H ₃₀ O ₄) _n Molecular Weight: 339.34 g/mol □ CAS: 25301-02-4 MDL number MFCD00149002 CMC 0.018 mM transition temp Cloud point 94.3 °C
Storage:	+4°C (L) For Research Use Only



Tyloxapol is a non-ionic liquid polymer of the alkyl aryl polyether alcohol type. Tyloxapol is used as a surfactant in drug delivery systems, such as non-ionic surfactant-based liposomes (niosomes), and in ophthalmic lubricants and irrigations. It also has been employed as a surfactant in bronchopulmonary studies of liquefaction and removal of mucopurulent secretions^[Jamshed].

Specifications

Appearance:	Yellow to brown viscous liquid
Identity (IR):	Exhibits maxima at same wavelengths as that of a similarly prepared reference
Identity (UV Spectrum):	Exhibits maxima and minima at same wavelengths as that of a similarly prepared reference
Residue on ignition:	max 1.0%
Solubility:	Slowly but freely miscible with water. Soluble in glacial acetic acid, toluene, and chloroform
Absence of Cationic Detergents:	No blue colour in the organic solvent layer
Cloud Point:	92 - 97°C
Colour Value:	max 150
Ethylene oxide:	max 10ppm
Free Phenol:	No cloudiness or precipitation immediately
Limit of Anionic Detergents:	max 0.075% as Sodium lauryl sulfate
Limit of Formaldehyde:	max 0.0075%
Refractive index:	1.495 to 1.501
Organic Volatile Impurities (Chloroform, 1,4-Dioxane, DCM, Trichloroethylene):	Not performed. Knowledge of the manufacturing, storage and handling processes assure there is no potential for the presence of listed solvents
pH:	4.0 - 7.0
Toluene:	max 100ppm
Water content (Titration):	max 1.0%
Note:	Complies with USP

Notes:

There is no hazardous surcharge associated with this product
There is no special packaging charge associated with this product

Contact your local distributor

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 03103 Montluçon Cedex - France
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References

Jamshed et al. (PubMed ID 25332475) found that tyloxapol induced the activation of hepatic -hydroxy- -methylglutaryl coenzyme A reductase in rat liver and aortas. ^[1]

Other Bioactive compounds:

- [BioActive compounds search](#)^[1].

Other Information

For in vitro R&D use only

Disclaimer : Materials from Uptima are sold **for research use only**, and are not intended for food, drug, household, or cosmetic use. Interchim is not liable for any damage resulting from handling or contact with this product.

Please contact InterBioTech – Interchim for any other information

RevT10E

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