

Certificate of Analysis

www.tocris.com

Product Name: Tocrisolve™ 100

Catalog No.: 1684

Batch No.: 10

1. PHYSICAL AND CHEMICAL PROPERTIES

Physical Appearance: White emulsion

Storage: Store at +4°C

Batch Molecular Structure:

Tocrisolve™

2. ANALYTICAL DATA

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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Description:

Water soluble emulsion composed of a 1:4 ratio of soya oil/water that is emulsified with the block co-polymer Pluronic F68. Can be diluted with any aqueous medium. Used to solubilize hydrophobic organic chemicals and water-insoluble lipids such as cannabinoids and vanilloids. The cannabinoid or vanilloid is incorporated with the emulsion as part of a specialized innovative production process. The soya oil forms a coating around the cannabinoid molecule, and the block co-polymer is added to stabilize the emulsion, preventing the lipid droplets from coalescing (merging) in the surrounding water. Also can be used as a negative control for reage... Please see product datasheet on www.tocris.com for full description.

Physical and Chemical Properties:

Physical Appearance: White emulsion

Batch Molecular Structure:



References:

Oltmanns et al (2008) Topical WIN55212-2 alleviates intraocular hypertension in rats through a CB1 receptor mediated mechanism of action. *J.Ocul.Pharmacol.Ther.* **24** 104. PMID: 18201139.

Hosseini et al (2006) Chronic topical administration of WIN-55-212-2 maintains a reduction in IOP in a rat glaucoma model without adverse effects. *Exp.Eye Res.* **82** 753. PMID: 16289049.

Storage: Store at +4°C

Solubility & Usage Info:

CAUTION - This product must **not** be frozen.

Stability and Solubility Advice:

This product must not be frozen and should be stored at +4°C. Provided that the lid is kept tightly sealed this product will be useable for up to one month.

We recommend that diluted solutions of the Tocrisolve product should be used immediately and must not be frozen.

Other Information:

Mean droplet size: 182nm

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