

Certificate of Analysis

www.tocris.com

Product Name: ImmunoFect STAR™ Antibody Transfection Reagent

Catalog No.: 8911

Batch No.: 1

1. PHYSICAL AND CHEMICAL PROPERTIES

Physical Appearance:	Colourless oil
Solubility:	Soluble in ethanol (supplied pre-dissolved in anhydrous ethanol, 10mg/ml)
Storage:	Store at -20°C

2. ANALYTICAL DATA

¹H NMR:	Consistent with structure
Mass Spectrum:	Consistent with structure

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

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Product Information

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Product Name: ImmunoFect STAR™ Antibody Transfection Reagent

Catalog No.: 8911

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Description:

ImmunoFect STAR™ Antibody Transfection Reagent is a highly efficient antibody transfection reagent designed for intracellular delivery of antibodies into live cells. ImmunoFect STAR™ Antibody Transfection Reagent enables functional studies of intracellular targets by facilitating direct antibody access to the cytosol. The delivery mechanism is optimized for high efficiency while maintaining cell viability. Please see the protocol for further information on how to use ImmunoFect STAR™ Antibody Transfection Reagent. This compound is supplied pre-dissolved in ethanol (10 mg/mL). ImmunoFect STAR is a trademark of Bio-Techne C... Please see product specific page on www.tocris.com for full description.

Physical and Chemical Properties:

Physical Appearance: Colourless oil

Storage: Store at -20°C

Solubility & Usage Info:

Soluble in ethanol (supplied pre-dissolved in anhydrous ethanol, 10mg/ml)

This compound is supplied pre-dissolved in ethanol (10mg/mL).

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. *Unless contradicted by product-specific protocols or instructions, our standard recommendations apply:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

References:

Chen et al (2023) Exploring the effect of amphiphile architecture on intracellular protein delivery capacity: dimeric versus trimeric amphiphiles. *ACS Appl.Mater.Interfaces* **15** 26328. PMID: 37219911.

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