

Insulin-Transferrin-Selenium

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

store at low temperature

Storage:

Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Insulin-Transferrin-Selenium-100X (ITS) is a defined supplement composed of insulin, transferrin, and sodium selenite that is added to classical and nutrient-rich cell culture media, such as DMEM, RPMI-1640, and Ham's F-12, to reduce fetal bovine serum requirements while supporting cell growth, viability, and metabolic stability.
Targets(IC50)	Others

Solubility Information

Solubility	H2O: ≥ 80 mg/mL, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Reference

Wei, M., et al., (2022). Hepatocyte-Specific Smad4 Deficiency Alleviates Liver Fibrosis via the p38/p65 Pathway. International journal of molecular sciences, 23(19), 11696.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481