

Poly I: C

Cat. No. LIGC-002

Lot. No. (See product label)

Introduction

Description

Synthetic double-stranded RNA (dsRNA); Toll-like receptor 3 (TLR3) agonist. Aids generation of stable, mature dendritic cells. Transfection into NIT-1 β cells induces β -cell apoptosis. Immunostimulant.

Synonyms

Polyinosinic-polycytidylic acid sodium salt; Polyinosinic acid, homopolymer, complex with polycytidylic acid, homopolymer (1:1); Poly(C).poly(I); Poly(C:I); Poly(I)-poly(C); Poly(I).poly(C); Poly(I).poly(C) Complex; Poly(cytidylic acid)-poly(inosinic acid); Poly(rI)-poly(rC); Poly(rI).poly(rC); Poly(rI):poly(rC); Poly(rI:rC); Polycytidylic-polyinosinic Acid; Polyinosinate-polycytidylate Complex; Polyinosinate:polycytidylate; Polyinosine-polycytidylic Acid; Polyinosinic Acid:polycytidylic Acid

Product Information

Appearance

White to off-white powder

CAS No.

24939-03-5

Molecular Formula

(C₁₀H₁₃N₄O₈P)_x.(C₉H₁₄N₃O₈P)_x

Solubility

Soluble to 3 mg/ml in water

Storage and Shipping Information

Storage

Store at -20°C.

Stability

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.