Creative Enzymes®

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.