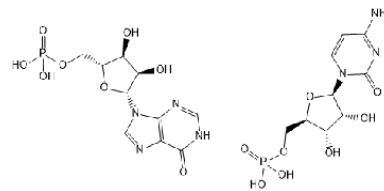


Poly(I:C)

Catalog Number: BC-0180

CAS Number: 24939-03-5

Price: [Online Inquiry](#)



Catalog Number	Price
BC-0180	Online Inquiry

Product Information	
Molecular Formula	(C ₁₀ H ₁₃ N ₄ O ₈ P)x·(C ₉ H ₁₄ N ₃ O ₈ P)x
Molecular Weight	671.4
Purity	>95%
SMILES	C1=CN(C(=O)N=C1N)C2C(C(C(O2)COP(=O)(O)O)O)O.C1=NC2=C(C(=O)N1)N=CN2C3C(C(C(O3)COP(=O)(O)O)O)O
InChi	InChi=1S/C10H13N4O8P.C9H14N3O8P/c15-6-4(1-21-23(18,19)20)22-10(7(6)16)14-3-13-5-8(14)11-2-12-9(5)17;10-5-1-2-12(9(15)11-5)8-7(14)6(13)4(20-8)3-19-21(16,17)18/h2-4,6-7,10,15-16H,1H2,(H,11,12,17)(H2,18,19,20);1-2,4,6-8,13-14H,3H2,(H2,10,11,15)(H2,16,17,18)/t4-,6-,7-,10-;4-,6-,7-,8-/m11/s1
InChi Key	ACEVNMQDUCOKHT-ZLOOHWKQSA-N
Alternate Name	[(2R,3S,4R,5R)-5-(4-amino-2-oxopyrimidin-1-yl)-3,4-dihydroxyoxolan-2-yl]methyl dihydrogen phosphate--[(2R,3S,4R,5R)-3,4-dihydroxy-5-(6-oxo-1H-purin-9-yl)oxolan-2-yl]methyl dihydrogen phosphate; Polyinosinic acid-polycytidylic acid; Poly I:poly C; Polyinosinic acid, homopolymer, complex with polycytidylic acid, homopolymer (1:1)
Appearance	White to off-white powder

Properties	
Storage Conditions	-20°C
Shipping Conditions	Gel Pack
Solubility	To prevent denaturation, this product should be reconstituted in solutions with physiological salt concentrations. Ultrasonication or gentle warming can be carried out for improving solubility. ~3 mg/ml in Water