

Product Datasheet

Polyinosinic-polycytidylic acid potassium (orb1983243)

Catalog Number	orb1983243
Description	Polyinosinic-polycytidylic acid potassium (Poly(I:C) potassium), a synthetic double-stranded RNA analog, serves as an agonist for toll-like receptor 3 (TLR3) and retinoic acid-inducible gene I (RIG-I)-like receptors (RIG-I and MDA5), offering applications in immunotherapy. Its sodium variant enhances both innate and adaptive immune responses when used as a vaccine adjuvant and is instrumental in modifying the tumor microenvironment. Additionally, Poly(I:C) potassium can directly induce apoptosis in cancer cells [1] [2] [3].
Storage	-20°C
Note	For research use only
Formula	$(C_{10}H_{13}N_4O_8P)_x \cdot (C_9H_{14}N_3O_8P)_x \cdot xK$
Purity	98.00%
CAS Number	31852-29-6
Expiration Date	12 months from date of receipt.

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