

## N2-Isobutyryl-2'-O,4'-C-methyleneguanosine

## Chemical Properties

CAS No. :	206055-68-7
Formula:	C15H19N5O6
Molecular Weight:	365.35
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	N2-Isobutyryl-2'-O,4'-C-methyleneguanosine [2'-O-4'-C-Locked-rG(iBu)] is a monomer used in nucleic acid synthesis.
Targets(IC50)	Nucleoside Antimetabolite/Analog

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7371 mL	13.6855 mL	27.371 mL
5 mM	0.5474 mL	2.7371 mL	5.4742 mL
10 mM	0.2737 mL	1.3686 mL	2.7371 mL
50 mM	0.0547 mL	0.2737 mL	0.5474 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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