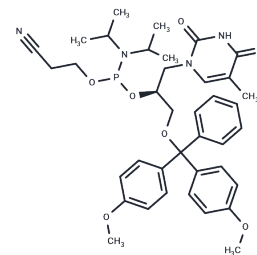


(S)-GNA-T-phosphoramidite

Chemical Properties

CAS No. :	168332-13-6
Formula:	C38H47N4O7P
Molecular Weight:	702.78
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	(S)-GNA-T-phosphoramidite is a nucleoside analog commonly used in the synthesis of other active compounds.
Targets(IC50)	Nucleoside Antimetabolite/Analog

Solubility Information

Solubility	DMSO: 50 mg/mL (71.15 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4229 mL	7.1146 mL	14.2292 mL
5 mM	0.2846 mL	1.4229 mL	2.8458 mL
10 mM	0.1423 mL	0.7115 mL	1.4229 mL
50 mM	0.0285 mL	0.1423 mL	0.2846 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.

Reference

Schlegel MK, et al. Chirality Dependent Potency Enhancement and Structural Impact of Glycol Nucleic Acid Modification on siRNA. J Am Chem Soc. 2017 Jun 28;139(25):8537-8546.

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