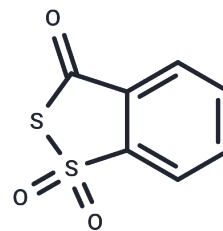


Beaucage reagent

Chemical Properties

CAS No. :	66304-01-6
Formula:	C7H4O3S2
Molecular Weight:	200.23
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	Beaucage reagent can be used for DNA cleavage.
Targets(IC50)	DNA/RNA Synthesis

Solubility Information

Solubility	H2O: 0.14 mg/mL (0.7 mM),Sonication is recommended. DMSO: 100 mg/mL (499.43 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	4.9943 mL	24.9713 mL	49.9426 mL
5 mM	0.9989 mL	4.9943 mL	9.9885 mL
10 mM	0.4994 mL	2.4971 mL	4.9943 mL
50 mM	0.0999 mL	0.4994 mL	0.9989 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

Zheng J, et al. Thiol-dependent DNA cleavage by aminomethylated Beaucage's reagent. Org Biomol Chem. 2010 Mar 21;8(6):1293-5.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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