

SG3199

Chemical Properties

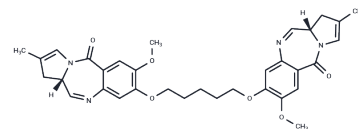
CAS No. : 1595275-71-0

Formula: C33H36N4O6

Molecular Weight: 584.66

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	SG3199 is a PBD dimer which binds in the minor groove of DNA, and forms covalent DNA interstrand cross-links in naked linear plasmid DNA. SG3199 is potentially cytotoxic against a panel of human solid tumour and haematological cancer cell lines.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7104 mL	8.552 mL	17.104 mL
5 mM	0.3421 mL	1.7104 mL	3.4208 mL
10 mM	0.171 mL	0.8552 mL	1.7104 mL
50 mM	0.0342 mL	0.171 mL	0.3421 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.

Reference

Hartley JA, Flynn MJ, Bingham JP, Corbett S, Reinert H, Tiberghien A, Masterson LA, Antonow D, Adams L, Chowdhury S, Williams DG, Mao S, Harper J, Havenith CEG, Zammarchi F, Chivers S, van Berkel PH, Howard PW.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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