

CpG ODN 10101

Chemical Properties

CAS No. : 1234402-77-7

Formula:

Molecular Weight:

Keep away from moisture

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	CpG ODN 10101 (CPG 10101) is a novel potent and selective Toll-like receptor 9 (TLR9)-containing oligodeoxynucleotide agonist with antiviral activity for the treatment of chronic infections.
Targets(IC50)	Antiviral,HCV Protease,TLR

Solubility Information

Solubility	H2O: 20 mg/mL,Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Reference

Jason Kindrachuk, et al. A novel vaccine adjuvant comprised of a synthetic innate defence regulator peptide and CpG oligonucleotide links innate and adaptive immunity. Vaccine. 2009 Jul 23;27(34):4662-71.

John G McHutchison, et al. Phase 1B, randomized, double-blind, dose-escalation trial of CPG 10101 in patients with chronic hepatitis C virus. Hepatology. 2007 Nov;46(5):1341-9.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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