

## Trecovirsen

Cat. No.:	HY-149906
CAS No.:	153021-75-1
Molecular Weight:	7776.3
Target:	HIV
Pathway:	Anti-infection
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

# Trecovirsen

### SOLVENT & SOLUBILITY

#### In Vitro

H<sub>2</sub>O : 200 mg/mL (25.72 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	0.1286 mL	0.6430 mL	1.2860 mL
	5 mM	0.0257 mL	0.1286 mL	0.2572 mL
	10 mM	0.0129 mL	0.0643 mL	0.1286 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Trecovirsen (GEM91) is a 25-mer antisense phosphorothioate oligonucleotide targeted at the gag site of the HIV gene.

### REFERENCES

- [1]. Séreni D, Tubiana R, Lascoux C, et al. Pharmacokinetics and tolerability of intravenous trecovirsen (GEM 91), an antisense phosphorothioate oligonucleotide, in HIV-positive subjects. *J Clin Pharmacol.* 1999;39(1):47-54.
- [2]. Pedziwiatr-Werbicka E, Fuentes E, Dzmitruk V, et al. Novel 'Si-C' carbosilane dendrimers as carriers for anti-HIV nucleic acids: studies on complexation and interaction with blood cells. *Colloids Surf B Biointerfaces.* 2013;109:183-189.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA