

## ssRNA40 sodium

Cat. No.:	HY-160229
Target:	Toll-like Receptor (TLR)
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

## ssRNA40 (sodium)

### BIOLOGICAL ACTIVITY

Description	ssRNA40 (sodium) is a 20-mer phosphothioate protected single-stranded RNA oligonucleotide. ssRNA40 is a uridine-rich ssRNA derived from the HIV-1 long terminal repeat on activation of NK cells via TLR7/8 <sup>[1][2]</sup> .	
IC <sub>50</sub> & Target	TLR7	TLR8

### REFERENCES

- [1]. Hiromi Tanji, et al. Toll-like receptor 8 senses degradation products of single-stranded RNA. *Nat Struct Mol Biol.* 2015, 22, 2.
- [2]. Alter G, Suscovich TJ, Teigen N, et al. Single-stranded RNA derived from HIV-1 serves as a potent activator of NK cells. *J Immunol.* 2007;178(12):7658-7666.

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

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