

## ORN 06

**Cat. No.:** HY-160227  
**CAS No.:** 1116698-32-8  
**Target:** Toll-like Receptor (TLR)  
**Pathway:** Immunology/Inflammation  
**Storage:** Please store the product under the recommended conditions in the Certificate of Analysis.

# ORN 06

### BIOLOGICAL ACTIVITY

<b>Description</b>	ORN 06 (Compound R-0006), a U-rich single-stranded RNA (containing 6 repeats of the UUG sequence motif), is a TLR7/8 agonist. ORN 06 stimulates human TLR7/8-mediated or murine TLR7-mediated immunity <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	TLR7/8 <sup>[1]</sup> .

### REFERENCES

[1]. Forsbach A, Nemorin JG, Montino C, et al. Identification of RNA sequence motifs stimulating sequence-specific TLR8-dependent immune responses. *J Immunol.* 2008;180(6):3729-3738.

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

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