ODN 2395 (TLRGRADE®) (synthetic)

TLR9 ligand

CpG oligodeoxynucleotide (Type C) with phosphorothioate backbone. Specific ligand for human and mouse TLR9 (Toll-like receptor 9).

Citations: 1 View Online »

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ALX-746-020-C100	100µg

Manuals, SDS & CofA View Online »

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Aqueous stock solution is stable for 1 day when stored at +4°C.
Handling	Protect from light. For maximum product recovery after thawing, centrifuge the vial before opening the cap. After reconstitution, prepare aliquots and store at -20°C.
Long Term Storage	+4°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Couple Target	TLR, TLR9
Couple Type	Ligand
Endotoxin Content	<0.002 EU/µg (LAL test; BioWhittaker)
Formulation	Lyophilized. Sterile.
MW	7068 (ammonium salt)
Purity Detail	Activity and endotoxin tested – TLRGRADE®.
Sequence	5'-t**cgt**c**g**tttt**cg**g**cgcgcgc**c**cg**-3'(**bold** letters indicate **active**, immune-stimulatory portions of CpG sequence, un-bolded letters indicate phosphorothioate linkage)
Source	Synthetic.
Technical Info / Product Notes	Includes 1 vial of ddWater (endotoxin-free) (Prod. No. ALX-505-008). For the inactive control compound, please see Prod. No. ALX-746-256.

Last modified: May 29, 2024

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