ODN 2395 (TLRGRADE®) (synthetic) (BULK)

TLR9 ligand

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

Ordering Information

Order Online »

ALX-746-070-M001	1mg

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	Activator, Ligand
Formulation	Lyophilized. Sterile.
MW	7068 (ammonium salt)
Purity Detail	Activity and endotoxin tested – TLRGRADE®.
Quantity	143nmol (~1’000µg).
Reconstitution	For a 100µM stock solution, dissolve the total vial content in 1430µl endotoxin-free ddWater (Prod. No. ALX-505-008; included) or endotoxin-free PBS (Prod. No. ALX-505-007; order separately). To obtain optimal dissolving we recommend the following procedure:- Add 50% of the solvent and let dissolve for 10 min.- Add remaining 50% of the solvent and mix thoroughly.- Moderate warming may aid dissolving.
Sequence	5’-t**cg**t**cg**tttt**cg**g**cgcgcgcg**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.

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ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

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