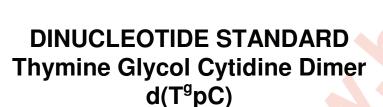
This document is provided for product evaluation purposes only. It is not intended to be used in place of the package insert shipped with the product.

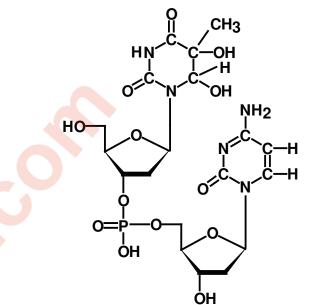
Thymine Glycol Cytidine Dimer d(T^gpC)



XItek



This product was manufactured in a facility which has a Quality Management System that is certified as being in compliance with ISO 13485.



d(T^gpC): Dinucleotide Monophosphate where T^g is *cis*-5R, 6S-thymidine glycol.^(1, 2)

PRODUCT CHARACTERISTICS

RECOMMENDED

USAGE

 $d(T^9pC)$ is useful as an internal standard for end-labeling as well as LC-MS analysis in the investigation of the nature and consequences of DNA damage. $d(T^9pC)$ has been chemically synthesized to improve reliability and accuracy and purified by HPLC. $^{(3)}$ Identification of the product and an index of its purity was accomplished by proton NMR spectroscopy at 400 MHz. $^{(4)}$

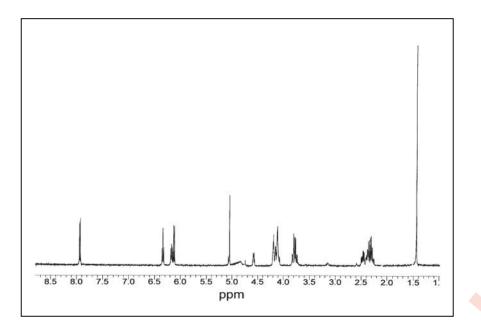
 $d(T^{g}pC)$ may be used as an internal standard for various quantitations. This lyophilized product is supplied at 1.0 ODU (~50 µg) as a mixture of the *cis* isomers. Reconstitute in water to 1.0 ml.

STORAGELyophilized product is stable for 1 year when stored at 2-8°C.AND STABILITYRecommend aliquoting and storing at -20°C when
resuspended in water.

ZMC Catalog #: 0801216

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FOR RESEARCH USE ONLY. Not for in vitro Diagnostic Use



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ZeptoMetrix Corporation 872 Main Street Buffalo, New York 14202

Office Phone: 716-882-0920 Fax: 716-882-0959 Customer Service: 800-274-5487 www.zeptometrix.com e-mail: support@zeptometrix.com custserv@zeptometrix.com