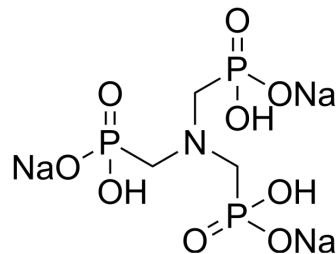


NTPO trisodium

Cat. No.:	HY-W011425A
CAS No.:	7611-50-9
Molecular Formula:	C ₃ H ₉ NNa ₃ O ₉ P ₃
Molecular Weight:	365
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

NTPO trisodium is a DNA damage inducer, causing genomic DNA damage and fragmentation, activating ATR-mediated cell cycle checkpoints. The DNA damaging effects of NTPO trisodium are abrogated by base excision repair (BER) but not nucleotide excision repair (NER)^[1].

REFERENCES

[1]. Choi JY, et al. Non-thermal plasma-induced apoptosis is modulated by ATR- and PARP1-mediated DNA damage responses and circadian clock. *Oncotarget*. 2016 May 31;7(22):32980-9.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA