

8-oxoguanine deaminase

Cat. No. EXWM-4560

Lot. No. (See product label)

Introduction

Description

Zn²⁺ is bound in the active site. 8-Oxoguanine is formed via the oxidation of guanine within DNA by reactive oxygen species. If uncorrected, this modification leads to the incorporation of 8-oxoG:A mismatches and eventually to G:C to T:A transversions.

Synonyms

8-OGD

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.5.4.32

Reaction

8-oxoguanine + H₂O = urate + NH₃

Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.