

8-oxo-dGTP

CATALOG NUMBER: OG-013-0150, 1 μ mol (10mM x 100 μ l)

Description

8-oxo-2'-deoxyguanosine-5'-triphosphate

8-oxo-dGTP is a product of oxidative modification of dGTP that can be misincorporated into DNA, causing AT-->CG mutations. So the oxidized guanine (8-oxo-7,8-dihydroguanine; 8-oxo-G) is a potent mutagen due to its ambiguous pairing with cytosine and adenine.

Storage

Store at -20 °C.

Concentration

1 μ mol (100 μ l of 10 mM solution in H₂O).

Purity

96-99% (HPLC).

Formula

C₁₀H₁₂N₅O₁₄P₃, MW 519.15 (Anion).

