

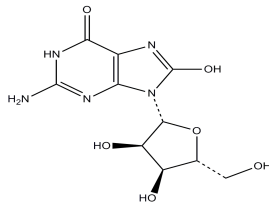
8-Hydroxyguanosine

ALTERNATE NAME: 2-Amino-9-[(2*R*,3*R*,4*S*,5*R*)-3,4-dihydroxy-5-(hydroxymethyl)-2-tetrahydrofuran]-3,7-dihydropurine-6,8-dione; 8-Oxoguanosine

CATALOG #: 2176-1, 5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₀H₁₃N₅O₆

MOLECULAR WEIGHT: 299.24

CAS NUMBER: 3868-31-3

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO (~ 12 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20°C. Protect from air and moisture

DESCRIPTION: 8-Hydroxyguanosine is produced by oxidative damage of RNA. Serves as useful marker for measuring the rate of oxidative damage to nucleic acids and lipids.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

8-Hydroxy-2-deoxyguanosine (Cat. No. 2177-1,5)

4-Hydroxynonenal (Cat. No. 2083-1,5)

Lipid Peroxidation (MDA) Assay Kit (Cat. No. K739-100)

Nitrotyrosine Antibody (Cat. No. 5416-50)

Nitrotyrosine Antibody(7A5) (Cat. No. 5413-50)

Nitrotyrosine Antibody(HM11) (Cat. No. 5414-50)

Nitrotyrosine Antibody(NOY-7A5) (Cat. No. 5415-50)

3-Nitrotyrosine Antibody(39B6) (Cat. No. 5412-100)

FOR RESEARCH USE ONLY! Not to be used in humans.