8-Hydroxyguanosine

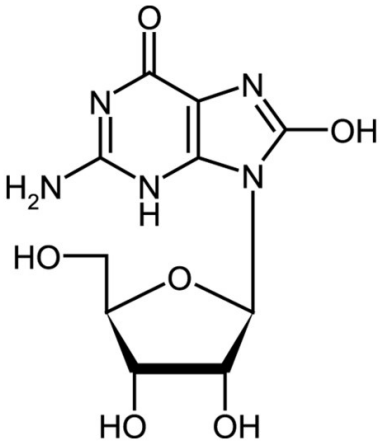
Oxidized form of the nucleoside guanosine. Formed *in vivo* by the free radical oxidation of RNA molecules, with subsequent degradation and cleavage of the nucleic acid.

Citations: 5 View Online »

Ordering Information Order Online »

ALX-480-075-M005	5mg

Manuals, SDS & CofA View Online »


O
N
N
OH
H_2N
N
H
N
HO
O
HO
OH

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	8-OHG
Appearance	White to off-white powder.
CAS	3868-31-3
Formula	$C_{10}H_{13}N_5O_6$
Identity	Determined by UV-VIS and ESI-MS.
MW	299.2
Purity	≥98% (HPLC)
Solubility	Soluble in conc. NaOH. Once solubilized it can be further diluted and neutralized with water.

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