

Catalog	Unit
TBI2690 - 1MG	1 mg
TBI2690 - 5MG	5 mg

### Product Details

**Formal Name:** 8-Oxo-7,8-dihydro-2'-deoxyguanosine

**Alternate Names:** 8-Oxo-dG; Oxo-dG

**Molecular Formula:** C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>5</sub>

**Formula Weight:** 283.25

**CAS Number:** 88847-89-6

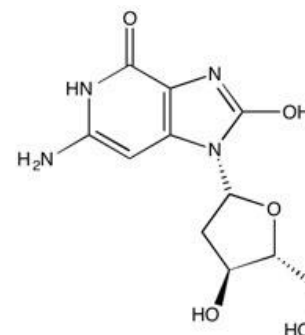
**Purity:** >98%

**Formulation:** Powder

**Solubility:** Soluble in DMSO (up to 10 mg/ml).

**Storage:** -20°C

**Stability:** ≥ 2 years.



### Applications

DNA damage marker

### Functions

8-Oxo-2'-deoxyguanosine (88847-89-6) is a useful marker for DNA damage via a variety of oxidative processes. It is a critical biomarker for oxidative stress and carcinogenesis.

### Application Procedures

First dissolved in DMSO (up to 10 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 1 month.

### Relative Products

TBI1170	Mitomycin C
TBI1345	E64, Cysteine protease inhibitor
TBI1347	E64d, Cysteine protease inhibitor
TBI2064	Chromomycin A3
TBI2069	Cytochalasin B
TBI2794	5-EDU, DNA Click labeling probe
TBI2071	Cytochalasin D
TBI1286	Bestatin, Aminopeptidase inhibitor
TBI2140	Gemcitabine
TBI2058	Aphidicolin, DNA polymerase Inhibitor

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