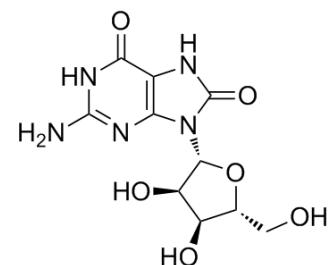


8-Hydroxyguanosine

Cat. No.:	HY-113262
CAS No.:	3868-31-3
Molecular Formula:	C ₁₀ H ₁₃ N ₅ O ₆
Molecular Weight:	299.24
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	8-Hydroxyguanosine is a systematic marker of oxidative stress and a marker of hydroxyl radical damage to RNA.
IC ₅₀ & Target	Human Endogenous Metabolite

REFERENCES

- [1]. Fiala ES, et al. Oxidative DNA and RNA damage in the livers of Sprague-Dawley rats treated with the hepatocarcinogen 2-nitropropane. *Cancer Res.* 1989 Oct 15;49(20):5518-22.
- [2]. Abe T, et al. Remarkable increase in the concentration of 8-hydroxyguanosine in cerebrospinal fluid from patients with Alzheimer's disease. *J Neurosci Res.* 2002 Nov 1;70(3):447-50.

Caution: Product has not been fully validated for medical applications. For research use only.

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