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Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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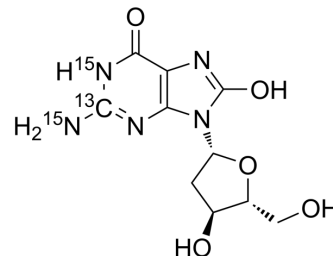
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8-Hydroxy-2'-deoxyguanosine-¹³C,¹⁵N₂

Cat. No.:	HY-W653916
Molecular Formula:	C ₉ ¹³ CH ₁₃ N ₃ ¹⁵ N ₂ O ₅
Molecular Weight:	286.22
Target:	Isotope-Labeled Compounds; Endogenous Metabolite
Pathway:	Others; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	8-Hydroxy-2'-deoxyguanosine- ¹³ C, ¹⁵ N ₂ is ¹³ C and ¹⁵ N labeled 8-Hydroxy-2'-deoxyguanosine. 8-Hydroxy-2'-deoxyguanosine is a critical biomarker of oxidative stress and carcinogenesis ^[1] .
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REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019 Feb;53(2):211-216.
- [2]. Valavanidis A, et al. 8-hydroxy-2' -deoxyguanosine (8-OHdG): A critical biomarker of oxidative stress and carcinogenesis. J Environ Sci Health C Environ Carcinog Ecotoxicol Rev. 2009 Apr;27(2):120-39.

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

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