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Zuschläge

- Mindermengenzuschlag
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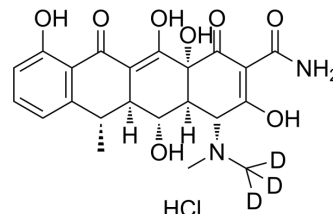
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Doxycycline-d₃ hydrochloride

Cat. No.:	HY-N0565AS
CAS No.:	2747918-45-0
Molecular Formula:	C ₂₂ H ₂₂ D ₃ ClN ₂ O ₈
Molecular Weight:	483.91
Target:	Isotope-Labeled Compounds; Bacterial; Antibiotic; MMP; Parasite
Pathway:	Others; Anti-infection; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Doxycycline-d₃ hydrochloride is deuterium labeled Doxycycline (hydrochloride). Doxycycline hydrochloride, an antibiotic, is an orally active and broad-spectrum metalloproteinase (MMP) inhibitor^[1]. Doxycycline hydrochloride shows antibacterial activity and anti-cancer cell proliferation activity^{[1][2][3][4][5][6]}.

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

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