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Zuschläge

- Mindermengenzuschlag
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- Expressversand

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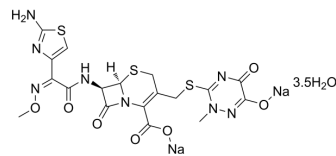
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Ceftriaxone sodium hydrate (Standard)

Cat. No.:	HY-B0712AR
CAS No.:	104376-79-6
Molecular Formula:	C ₁₈ H ₂₃ N ₈ Na ₂ O _{10.5} S ₃
Molecular Weight:	661.6
Target:	GSK-3; Aurora Kinase; Bacterial; Antibiotic
Pathway:	PI3K/Akt/mTOR; Stem Cell/Wnt; Cell Cycle/DNA Damage; Epigenetics; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Ceftriaxone (sodium hydrate) (Standard) is the analytical standard of Ceftriaxone (sodium hydrate). This product is intended for research and analytical applications. Ceftriaxone sodium hydrate (Ro 13-9904 sodium hydrate) is a broad spectrum β -lactam third-generation cephalosporin antibiotic, which has good antibacterial activity against a variety of gram-negative and positive bacteria. Ceftriaxone sodium hydrate is a covalent inhibitor of GSK3 β with IC₅₀ value of 0.78 μ M. Ceftriaxone sodium hydrate is an inhibitor of Aurora B. Ceftriaxone sodium hydrate has anti-inflammatory, antitumor and antioxidant activities. Ceftriaxone sodium hydrate can be used in the study of bacterial infections and meningitis^{[1][2][3][4][5][6][7]}.

REFERENCES

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- [3]. Zhang Y, et al. Ceftriaxone Protects Astrocytes from MPP(+) via Suppression of NF- κ B/JNK/c-Jun Signaling. *Mol Neurobiol.* 2015 Aug;52(1):78-92.
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Caution: Product has not been fully validated for medical applications. For research use only.

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