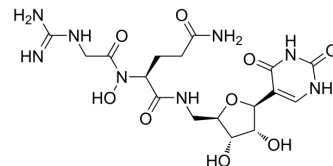


Pseudouridimycin

Cat. No.:	HY-125650
CAS No.:	1566586-52-4
Molecular Formula:	C ₁₇ H ₂₆ N ₈ O ₉
Molecular Weight:	486.44
Target:	DNA/RNA Synthesis; Bacterial; Antibiotic
Pathway:	Cell Cycle/DNA Damage; Anti-infection
Storage:	Powder -20°C 3 years In solvent -80°C 6 months -20°C 1 month



BIOLOGICAL ACTIVITY

Description

Pseudouridimycin (PUM), an antibiotic, is a selective bacterial RNA polymerase (RNAP) inhibitor. Pseudouridimycin is a C-nucleoside analogue that is effective against both Gram-negative and Gram-positive bacteria^[1].

CUSTOMER VALIDATION

- ACS Omega. 2023 Feb 13.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Rosenqvist P, et al. Characterization of C-nucleoside Antimicrobials from *Streptomyces albus* DSM 40763: Strepturidin is Pseudouridimycin. *Sci Rep.* 2019 Jun 20;9(1):8935.

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

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