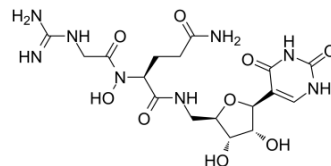


Pseudouridimycin

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
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].

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.

India Contact:
Life Technologies (India) Pvt. Ltd.
306, Aggarwal City Mall, Opposite M2K Pitampura, Delhi – 110034 (INDIA). Ph: +91-11-42208000, 42208111, 42208222, Mobile: +91-9810521400, Fax: +91-11-42208444
Email: customerservice@lifetechindia.com Website: www.lifetechindia.com