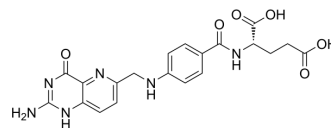


8-Deazafolic acid

Cat. No.:	HY-122518
CAS No.:	51989-25-4
Molecular Formula:	C ₂₀ H ₂₀ N ₆ O ₆
Molecular Weight:	440.41
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

8-Deazafolic acid is an antimicrobial drug for the folate-dependent bacteria, *Streptococcus faecium* (ATCC 8043) and *Lactobacillus casei* (ATCC 74691). 8-Deazafolic acid has activity against lymphoid leukemia L1210 in mice^[1].

REFERENCES

[1]. Carroll Temple Jr, et al. New synthesis of N-[4-[(2-amino-4(3H)-oxopyrido[3,2-d]pyrimidin-6-yl)methyl]amino]benzoyl]-L-glutamic acid (8-deazafolic acid) and the preparation of some 5,6,7,8-tetrahydro derivatives. *J. Med. Chem.* 1981, 24, 10, 1254–1258.

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

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