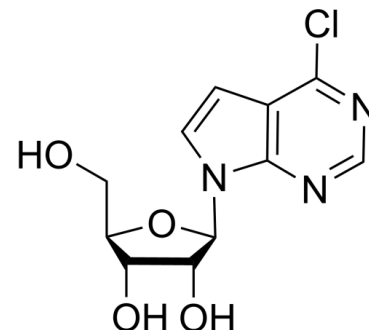


Data Sheet

Product Name:	6-Chloro-7-deazapurine-β-D-ribose
Cat. No.:	CS-0047162
CAS No.:	16754-80-6
Molecular Formula:	C ₁₁ H ₁₂ ClN ₃ O ₄
Molecular Weight:	285.68
Target:	Fungal
Pathway:	Anti-infection
Solubility:	H ₂ O : 4.35 mg/mL (15.23 mM; Need ultrasonic); DMSO : 100 mg/mL (350.04 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

Chloro-7-deazapurine-β-D-ribose is a nucleoside derivative and has **antifungal** activity^[1].

References:

[1]. Hajime Iwamura, et al. Antifungal Activity of Substituted 7-(β-D-Ribofuranosyl)pyrrolo-[2,3-d]pyrimidines. Agricultural and Biological Chemistry, Volume 40, Issue 7, 1 July 1976, Pages

CAIndexNames:

7H-Pyrrolo[2,3-d]pyrimidine, 4-chloro-7-β-D-ribofuranosyl-

SMILES:

C1C=NC=NC2=C1C=CN2[C@H]3[C@H](O)[C@H](O)[C@@H](CO)O3

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

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