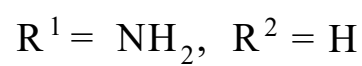
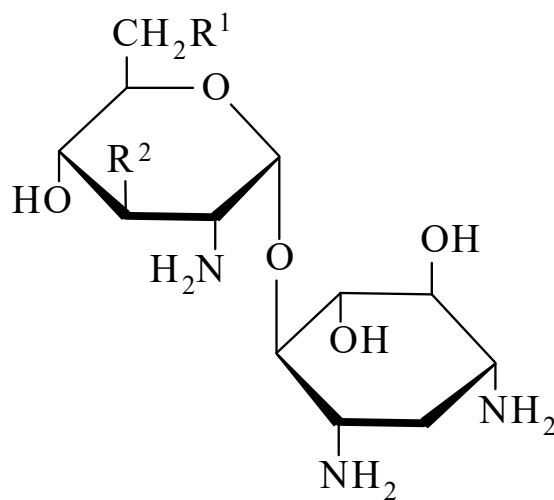




>>Entry Name: Nebramycin factor 8

Synonym(s): Nebramycin VIII. Nebramine



CAS Registry Number: 34051-04-2

Molecular Formula: $C_{12}H_{26}N_4O_5$

Molecular Weight: 306.361

Accurate Mass: 306.190321

Percentage Composition: C 47.05%; H 8.55%; N 18.29%; O 26.11%

Use/Importance: Antibiotic

Melting Point: Mp 225°

Optical Rotation: $[\alpha]_D^{20} +110$

Solubility: BERDY SOL: Sol. H_2O ; poorly sol. butanol, hexane

UV: [neutral] λ_{max} (H_2O) (Berdy)

References:

Koch, K.F. *et al.*, *J.O.C.*, 1978, **43**, 1430