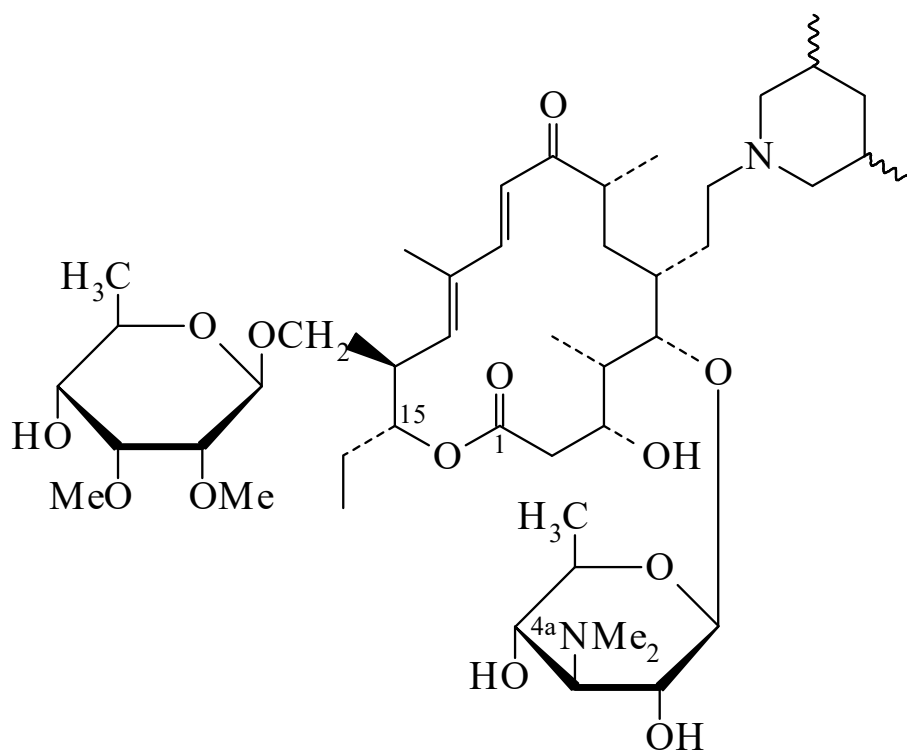




>>Entry Name: Tilmicosin, BAN, INN

Synonym(s): 20-Deoxo-20-(3,5-dimethyl-1-piperidiny)tylosin B. EL 870. LY 177370. Antibiotic EL 870. Antibiotic LY 177370



CAS Registry Number: 108050-54-0

Molecular Formula: $C_{46}H_{80}N_2O_{13}$

Molecular Weight: 869.144

Accurate Mass: 868.566043

Percentage Composition: C 63.57%; H 9.28%; N 3.22%; O 23.93%

Source/Synthesis: Semisynthetic

Use/Importance: Veterinary antibacterial agent

Calculated Log P Data: Log P 2.5 (uncertain value) (calc)

References:

Ose, E.E., *J. Antibiot.*, 1987, **40**, 190, (props)

Eur. Pat., 1988, 262 904; *CA*, **109**, 93536, (synth)

Crouse, G.D. *et al.*, *J. Labelled Compd. Radiopharm.*, 1989, **27**, 465, (synth)