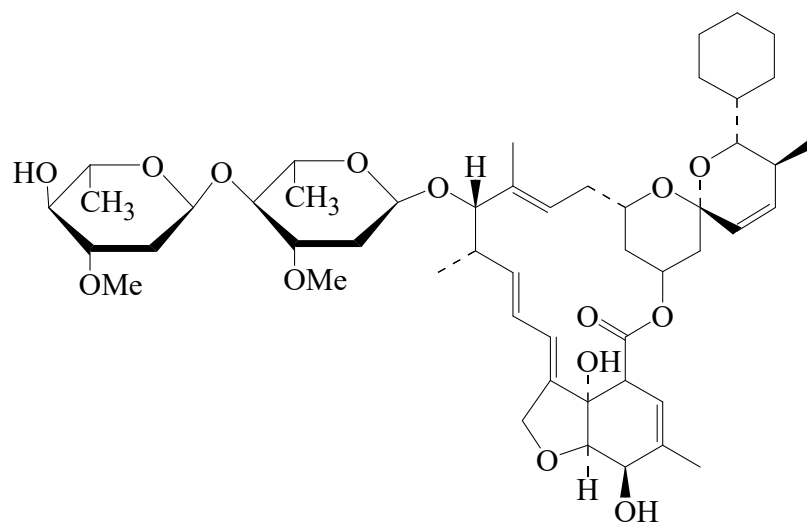




>>Entry Name: Doramectin, BAN, INN, USAN

Synonym(s): 25-Cyclohexyl-5-*O*-demethyl-25-de(1-methylpropyl)avermectin A1a. UK 67994



CAS Registry Number: 117704-25-3

Type of Compound Code(s): XA0900

Molecular Formula: C₅₀H₇₄O₁₄

Molecular Weight: 899.126

Accurate Mass: 898.50786

Percentage Composition: C 66.79%; H 8.30%; O 24.91%

General Statement: Avermectin-type antibiotic

Source/Synthesis: Isol. from *Streptomyces avermitilis*

Use/Importance: Anthelmintic

Physical Description: No phys. props. quoted

Calculated Log P Data: Log P 2.82 (uncertain value) (calc)

References:

Eur. Pat., 1988, Pfizer, 276 131; *CA*, **110**, 113206e, (*synth*)

Dutton, C.J. *et al.*, *J. Antibiot.*, 1991, **44**, 357, (*isol, ms*)

Vercruysse, J., *Vet. Parasitol.*, 1993, **49**, 1, (*rev*)