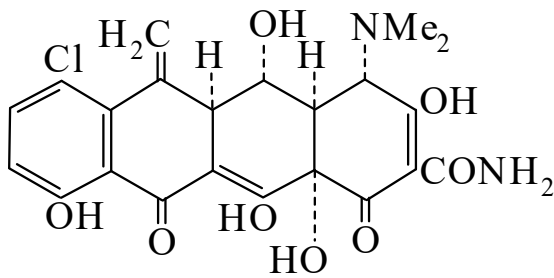




>>Entry Name: **Meclocycline**, BAN, INN, USAN

Synonym(s): 7-Chloro-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,10,12,12a-pentahydroxy-6-methylene-1,11-dioxo-2-naphthacenecarboxamide, 9Cl, 8Cl. GS 2989. NSC 78502. Antibiotic GS 2989



CAS Registry Number: 2013-58-3

Molecular Formula: C₂₂H₂₁ClN₂O₈

Molecular Weight: 476.869

Accurate Mass: 476.098645

Percentage Composition: C 55.41%; H 4.44%; Cl 7.43%; N 5.87%; O 26.84%

Source/Synthesis: Semisynthetic

Use/Importance: Antibacterial agent

Calculated Log P Data: Log P -1.79 (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 2000 mg/kg

>>Derivative: Hydrochloride

CAS Registry Number: 38324-29-7

Physical Description: Cryst.

Other Data: Amphoteric

>>Derivative: 5-Sulfosalicylate (1:1)

Synonym(s): **Meclocycline sulfosalicylate**, USAN. Meclan. Mecloderm. Meclosorb. Quoderm. Traumatociclina

CAS Registry Number: 73816-42-9

Sigma: M1388

References:

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