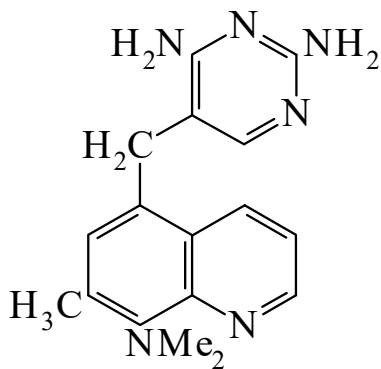




>>Entry Name: **Baquiloprim**, BAN, INN

Synonym(s): 5-[[8-(Dimethylamino)-7-methyl-5-quinolinyl]methyl]-2,4-pyrimidinediamine, 9Cl. 1380U



CAS Registry Number: 102280-35-3

Molecular Formula: C₁₇H₂₀N₆

Molecular Weight: 308.385

Accurate Mass: 308.174944

Percentage Composition: C 66.21%; H 6.54%; N 27.25%

Use/Importance: Dihydrofolate reductase inhibitor; antibacterial agent (veterinary)

Calculated Log P Data: Log P 2.02 (calc)

>>Derivative: Hydrochloride (1:2)

CAS Registry Number: 83011-15-8

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 250-252 dec.°

References:

Eur. Pat., 1982, *Wellcome*, 51 879; *CA*, **97**, 127652, (*synth, pharmacol*)

Martindale, The Extra Pharmacopoeia, 28th/29th edn., *Pharmaceutical Press*, 1982, 2485

White, G. *et al.*, *Res. Vet. Sci.*, 1993, **54**, 372, (*activity, pharmacokinet*)