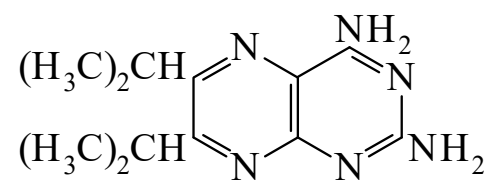




>>Entry Name: 6,7-Diisopropyl-2,4-pteridinediamine

Synonym(s): 6,7-Bis(1-methylethyl)-2,4-pteridinediamine, gCl. 2,4-Diamino-6,7-diisopropylpteridine



CAS Registry Number: 3810-29-5

Related CAS Registry Numbers(s): 110101-81-0

Type of Compound Code(s): XA1150 XA1800

Molecular Formula: C₁₂H₁₈N₆

Molecular Weight: 246.314

Accurate Mass: 246.159294

Percentage Composition: C 58.52%; H 7.37%; N 34.12%

Use/Importance: Shows antimalarial and antibacterial activities esp. against *Vibrio* spp.

Physical Description: Cryst. (EtOH)

Melting Point: Mp 246°

Sigma: D0656

>>Derivative: Phosphate

CAS Registry Number: 84176-65-8

Melting Point: Mp 232-234°

Aldrich: 27080-6

Sigma: D0781

References:

Campbell, N.R. *et al.*, *J.C.S.*, 1950, 2743, (*synth*)

Collier, H. *et al.*, *Br. J. Pharmacol.*, 1952, 7, 161, (*pharmacol*)

Then, R.L. *et al.*, *Antimicrob. Agents Chemother.*, 1978, 14, 112, (*props*)