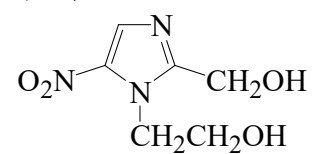




>>Entry Name: 2-(Hydroxymethyl)-5-nitro-1*H*-imidazole-1-ethanol, 9Cl, 8Cl



CAS Registry Number: 4812-40-2

Molecular Formula: C₆H₉N₃O₄

Molecular Weight: 187.155

Accurate Mass: 187.059307

Percentage Composition: C 38.51%; H 4.85%; N 22.45%; O 34.20%

Biological Source: Metabolite of Metronidazole [GBH13-H](#)

Use/Importance: Shows antibacterial and antiprotozoal props.

Physical Description: No phys. props. reported

>>**Derivative:** PtCl₂ complex (2:1)

CAS Registry Number: 84431-14-1

Physical Description: Cryst.

Melting Point: Mp 187-189°

References:

Belg. Pat., 1965, *Merck*, 661 262; *CA*, **64**, 2094f, (*synth*)

Netherlands Pat., 1965, *Merck*, 6 413 814; *CA*, **63**, 18097c, (*synth*)

Stambaugh, J.E. *et al.*, *Can. Spectrosc.*, 1968, **13**, 134-138, (*ir, pmr*)

Bales, J.R. *et al.*, *J.C.S. Dalton*, 1985, 795-802, (*Pt complex, synth, pmr, cryst struct*)