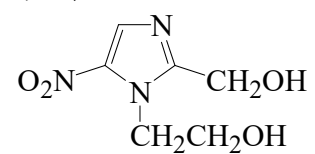




>>Entry Name: 2-(Hydroxymethyl)-5-nitro-1*H*-imidazole-1-ethanol, 9Cl, 8Cl



**CAS Registry Number:** 4812-40-2

**Molecular Formula:** C<sub>6</sub>H<sub>9</sub>N<sub>3</sub>O<sub>4</sub>

**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: PtCl<sub>2</sub> 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*)