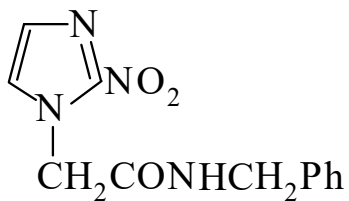




>>Entry Name: Benznidazole, INN

Synonym(s): 2-Nitro-*N*-(phenylmethyl)-1*H*-imidazole-1-acetamide, 9CI. *N*-Benzyl-2-nitro-1-imidazoleacetamide, 8CI. Benzonidazole. Radinil. Ragonil. Ro 7 1051



CAS Registry Number: 22994-85-0

Molecular Formula: C₁₂H₁₂N₄O₃

Molecular Weight: 260.252

Accurate Mass: 260.090941

Percentage Composition: C 55.38%; H 4.65%; N 21.53%; O 18.44%

Use/Importance: Antiprotozoal, antitrichomonal agent; used in the treatment of trypanosomiasis

Melting Point: Mp 188.5-190°

Calculated Log P Data: Log P 0.48 (uncertain value) (calc)

Hazard & Toxicity: Mutagenic props.

Aldrich: 41965-6

References:

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Raaflaub, J. *et al.*, *Arzneim.-Forsch.*, 1979, **26**, 1611, (*pharmacokinet*)

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