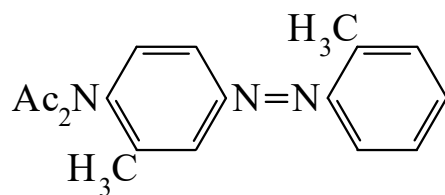




>>Entry Name: **Diacetazotol**

Synonym(s): *N*-Acetyl-*N*-[2-methyl-4-[(2-methylphenyl)azo]phenyl]acetamide, 9CI. 4-(Diacetylamino)-2',3-dimethylazobenzene. 4"-(*o*-Tolylazo)-*o*-diacetotoluidide. Dermagan. Diacetotoluide. Diacetylaminoazotoluene. Diamazo. Diazol. Dimazon. Epidermol. Epidon. Epithelon. Granulin. Pellidole. Pioderm



CAS Registry Number: 83-63-6

Molecular Formula: C₁₈H₁₉N₃O₂

Molecular Weight: 309.367

Accurate Mass: 309.147727

Percentage Composition: C 69.88%; H 6.19%; N 13.58%; O 10.34%

General Statement: Dimorphic

Use/Importance: Topical dermatologic. Used to stimulate wound healing

Physical Description: Brick-red needles or stout red prisms

Melting Point: Mp 65°. Mp 75 respec.°

Calculated Log P Data: Log P 3.88 (calc)

Hazard & Toxicity: Carcinogen (IARC Group 3)

Rare Chemicals Library: S34531-8

References:

Ger. Pat., 1912, *Kalle*, 253 884; *CA*, **7**, 868

Ettel, I.V. *et al.*, *Coll. Czech. Chem. Comm.*, 1948, **13**, 161, (*synth*)

Rerabek, J. *et al.*, *CA*, 1952, **46**, 7234, (*props*)

Jirasek, L. *et al.*, *Cesk. Dermatol.*, 1966, **41**, 38, (*props*)

IARC Monog., 1975, **8**, 113, (*rev, tox*)

Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 793

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., *Van Nostrand Reinhold*, 1992, ACR300