



Formula: C₁₈H₁₄Cl₄N₂O

MW: 416.13

Salt: HNO₃

CAS: 22832-87-7

MDL NUMBER: MFCD00216019

IUPAC: 1-(2,4-dichlorophenyl)-1-[(2,4-dichlorophenyl)methoxy]-2-imidazolylethane

Smiles: c1(cc(c(cc1)COC(c1ccc(cc1Cl)Cl)Cn1ccnc1)Cl)Cl

THERAPEUTIC CATEGORY: Antifungal

ACCEPTORS: 1

DONORS: 0

ROTATION BONDS: 6

N+O: 3

Chiral Centers: 1

LogP: 6.36

LogS: -5.64

LIPINSKI: 3

Synonyms: 1-[2,4-DICHLORO BETA-[2,4-DICHLOROBENZYL]OXY]-PHENETHYL]IMIDAZOLE NITRATE;1-[2,4-DICHLORO-BETA-([2,4-DICHLOROBENZYL]OXY)-PHENETHYL]IMIDAZOLE NITRATE

SALT;1-[2-(2,4-DICHLOROBENZYLOXY)-2-(2,4-DICHLOROPHENYL)ETHYL]-1H-IMIDAZOLE NITRATE;LABOTEST-BB LT00134678;(±)MICONAZOLE NITRATE

SALT;1-(2,4-dichloro-beta-((2,4-dichlorobenzyl)oxy)phenethyl)-imidazolmononitra;1h-imidazole, 1-(2-(2,4-dichlorophenyl)-2-((2,4-dichlorophenyl)methoxy)ethyl);daktacort

CAS:22832-87-7

MF:C18H15Cl4N3O4

MW:479.14

EINECS:245-256-6

Product Categories:Active Pharmaceutical Ingredients;Organics;Antifungals for Research and Experimental Use;Biochemistry;API's;Antifungal Miconazole nitrate

Chemical Properties: mp 170-185 C storage temp. Store at RT Merck 6178

CAS DataBase Reference: 22832-87-7(

CAS DataBase Reference:) Xn Risk Statements 22-43-40 Safety Statements 36/37 RIDADR 3249 WGK Germany 3 RTECS NI4771000 HazardClass 6.1(b) PackingGroup III Miconazole nitrate

Usage And Synthesis: Biological ActivityAntifungal agent. Inhibits lanosterol demethylase and induces formation of reactive oxygen species. Miconazole nitrate

