



Formula: C₈H₁₃N₃O₄S

MW: 247.28

CAS: 19387-91-8

MDL NUMBER: MFCD00057217

IUPAC: 1-(ethylsulfonyl)-2-(2-methyl-5-nitroimidazolyl)ethane

Smiles: c1(ncc(n1CCS(=O)(=O)CC)[N+][O-])=O)C

THERAPEUTIC CATEGORY: Antiprotozoal, Antibacterial

ACCEPTORS: 4

DONORS: 0

ROTATION BONDS: 4

N+O: 7

Chiral Centers: 0

LogP: -0.25

LogS: -2.93

LIPINSKI: 4

Synonyms: TIMTEC-BB

SBB006917;TINIDAZOLE;1-(2-(ethylsulfonyl)ethyl)-2-methyl-5-nitro-1h-imidazol;1-(2-(ethylsulfonyl)ethyl)-2-methyl-5-nitro-imidazol;1-(2-(ethylsulfonyl)-ethyl)-2-methyl-5-nitroimidazole;bioshik;c
p12574;ethyl(2-(2-methyl-5-nitro-1-imidazolyl)ethyl)sulfone

CAS:19387-91-8

MF:C8H13N3O4S

MW:247.27

EINECS:243-014-4

Product Categories: Tinidazole

Chemical Properties: Stability:Stable. Incompatible with strong oxidizing agents.

CAS DataBase Reference: 19387-91-8(

CAS DataBase Reference:) Xn Risk Statements 20/21/22-40 Safety Statements 26-36 WGK
Germany 3 RTECS NI6255000 Hazardous Substances Data19387-91-8(Hazardous
Substances Data) 1-[2-(Ethylsulfonyl)ethyl]-2-methyl-5-nitro-1H-imidazole Tinidazole

Usage And Synthesis:

Chemical Properties: solid Tinidazole

