



>>Entry Name: *N*-Methyl-1-(methylthio)-2-nitroethenamine, 9CI

CAS Registry Number: 61832-41-5

Extra CAS Registry Numbers(s): 102721-76-6 168127-08-0

O2NHC=C(NHMe)SMe

Molecular Formula: C₄H₈N₂O₂S

Molecular Weight: 148.185

Accurate Mass: 148.030648

Percentage Composition: C 32.42%; H 5.44%; N 18.90%; O 21.59%; S 21.64%

Use/Importance: Intermed. for Ranitidine [FLZ27-H](#)

Physical Description: Cryst. (2-propanol)

Melting Point: Mp 113.5-115.5°

References:

U.K. Pat., 1985, 2 160 204; *CA*, **105**, 152528c, (*synth*)

Ger. Pat., 1986, 3 521 456; *CA*, **105**, 60301v, (*synth*)

U.S. Pat., 1990, 4 967 007; *CA*, **114**, 142666t, (*synth, ir, pmr*)