



>>Entry Name: Methyl [(methoxycarbonyl)amino](methylthio)methylene]carbamate, 9CI

Synonym(s): *N,N'*-Bis(methoxycarbonyl)-*S*-methylisothiourea

CAS Registry Number: 34840-23-8

MeOOCN=C(SMe)NHCOOMe

Molecular Formula: C₆H₁₀N₂O₄S

Molecular Weight: 206.222

Accurate Mass: 206.036128

Percentage Composition: C 34.95%; H 4.89%; N 13.58%; O 31.03%; S 15.55%

Use/Importance: Reagent for synth. of benzimidazoles from 1,2-benzenediamines

References:

Kruse, L.I. *et al.*, *J. Med. Chem.*, 1989, **32**, 409-417, (*synth*)

Skibinski, A. *et al.*, *Pol. J. Appl. Chem.*, 1993, **37**, 291-294; *CA*, **121**, 34792s, (*synth*)