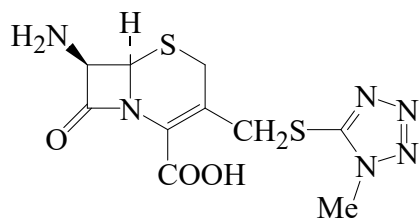




>>Entry Name: 7-Amino-3-[(1-methyl-1H-tetrazol-5-yl)thiomethyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid



Molecular Formula: C₁₀H₁₂N₆O₃S₂

Molecular Weight: 328.375

Accurate Mass: 328.041229

Percentage Composition: C 36.58%; H 3.68%; N 25.59%; O 14.62%; S 19.53%

Use/Importance: Intermediate for antibacterials

>>Variant: (6R,7R)-form

CAS Registry Number: 24209-38-9

Molecular Formula: C₁₀H₁₂N₆O₃S₂

Molecular Weight: 328.375

Accurate Mass: 328.041229

Percentage Composition: C 36.58%; H 3.68%; N 25.59%; O 14.62%; S 19.53%

Melting Point: Mp 224-226°

References:

South African Pat., 1968, 68 02 695; *CA*, **71**, 124458r, (synth)

Walker, D.G. *et al.*, *J.O.C.*, 1988, **53**, 983-991, (synth, use)

Pitlik, J. *et al.*, *J. Het. Chem.*, 1989, **26**, 461-464, (synth, pmr, use)