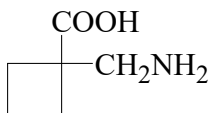




>>Entry Name: 1-(Aminomethyl)cyclobutanecarboxylic acid, 9CI



CAS Registry Number: 205173-66-6

Molecular Formula: C₆H₁₁NO₂

Molecular Weight: 129.158

Accurate Mass: 129.078979

Percentage Composition: C 55.80%; H 8.58%; N 10.84%; O 24.77%

>>Derivative: *N*-tert-Butyloxycarbonyl

CAS Registry Number: 120728-10-1

Molecular Formula: C₁₁H₁₉NO₄

Molecular Weight: 229.275

Accurate Mass: 229.131409

Percentage Composition: C 57.63%; H 8.35%; N 6.11%; O 27.91%

Physical Description: Cryst. (EtOAc/pentane)

Melting Point: Mp 94.2-95.2°

>>Derivative: *N*-tert-Butyloxycarbonyl, Et ester

CAS Registry Number: 163554-54-9

Molecular Formula: C₁₃H₂₃NO₄

Molecular Weight: 257.329

Accurate Mass: 257.162709

Percentage Composition: C 60.68%; H 9.01%; N 5.44%; O 24.87%

Physical Description: Oil

References:

Kimura, Y. *et al.*, *Chem. Pharm. Bull.*, 1994, **42**, 1442-1454, (*N*-tert-butyloxycarbonyl Et ester, synth, pmr)

Seebach, D. *et al.*, *Helv. Chim. Acta*, 1998, **81**, 1218-2243, (*N*-tert-butyloxycarbonyl, synth, ir, pmr, cmr, cryst struct)