



>>Entry Name: 3,6-Difluoro-1,2-benzenedicarboxylic acid, 9CI

Synonym(s): 3,6-Difluorophthalic acid, 8CI

CAS Registry Number: 651-97-8

Molecular Formula: C₈H₄F₂O₄

Molecular Weight: 202.114

Accurate Mass: 202.007766

Percentage Composition: C 47.54%; H 1.99%; F 18.80%; O 31.66%

Physical Description: Yellowish powder

>>Derivative: Anhydride

CAS Registry Number: 652-40-4

Molecular Formula: C₈H₂F₂O₃

Molecular Weight: 184.099

Accurate Mass: 183.997201

Percentage Composition: C 52.19%; H 1.09%; F 20.64%; O 26.07%

Physical Description: Cryst.

Melting Point: Mp 206-207°

Aldrich: 38112-8

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 1328A, (*nmr*)

Valkanias, G. *et al.*, *J.C.S.*, 1963, 3475, (*synth*)

Lee, H.H. *et al.*, *J.C.S. Perkin 1*, 1999, 2755-2758, (*synth*)