



>>Entry Name: 2-Nitro-1,8-naphthalenedicarboxylic acid, 9CI

Synonym(s): 2-Nitronaphthalic acid, 8CI

CAS Registry Number: 42101-93-9

Molecular Formula: $C_{12}H_7NO_6$

Molecular Weight: 261.19

Accurate Mass: 261.027339

Percentage Composition: C 55.18%; H 2.70%; N 5.36%; O 36.75%

Melting Point: Mp 173-175°

>>Derivative: Anhydride

CAS Registry Number: 34087-02-0

Molecular Formula: $C_{12}H_5NO_5$

Molecular Weight: 243.175

Accurate Mass: 243.016774

Percentage Composition: C 59.27%; H 2.07%; N 5.76%; O 32.90%

Physical Description: Cryst. (AcOH)

Melting Point: Mp 201°

References:

Grayshan, P.H. *et al.*, *J.C.S.(C)*, 1971, 3599

U.S.S.R. Pat., 1973, 374 287; *CA*, **79**, 42241v