



>>Entry Name: Benzenecarboximidic acid, 9Cl

Synonym(s): Benzimidic acid, 8Cl

PhC(OH)=NH

Molecular Formula: C₇H₇NO

Molecular Weight: 121.138

Accurate Mass: 121.052764

Percentage Composition: C 69.41%; H 5.82%; N 11.56%; O 13.21%

General Statement: Formally the unisolated enol form of Benzamide [DVK80-R](#)

>>Derivative: Me ester

Synonym(s): Methyl benzimidate. Methyl benzenecarboximidate. Methyl imidobenzoate

CAS Registry Number: 7471-86-5

Molecular Formula: C₈H₉NO

Molecular Weight: 135.165

Accurate Mass: 135.068414

Percentage Composition: C 71.09%; H 6.71%; N 10.36%; O 11.84%

Boiling Point: Bp₂₇ 109-110°

>>Derivative: Me ester; hydrochloride

CAS Registry Number: 5873-90-5

Physical Description: Cryst. (AcOH/Et₂O)

Melting Point: Mp 105-106° (dec.)

Aldrich: 22051-5

Sigma: M7132

>>Derivative: Et ester

see Ethyl benzimidate, [DSZ08-D](#)

References:

Derby, I.H., *Am. Chem. J.*, 1908, **39**, 437, (*Me ester*)

Reider, P.J. *et al.*, *J.O.C.*, 1987, **52**, 3326, (*Me ester*)