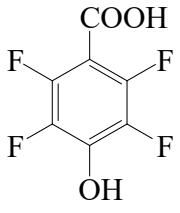
>>**Entry Name: 2,3,5,6-Tetrafluoro-4-hydroxybenzoic acid,** 9CI



CAS Registry Number: 652-34-6
Related CAS Registry Numbers(s): 27375-81-1

Molecular Formula: $C_7H_2F_4O_3$
Molecular Weight: 210.085
Accurate Mass: 209.994007
Percentage Composition: C 40.02%; H 0.96%; F 36.17%; O 22.85%
Melting Point: Mp 155-157°
pKa Value: pK_{a1} 2.27; pK_{a2} 5.17 (25°, H_2O)

>>**Derivative:** Monohydrate

CAS Registry Number: 143201-17-6
Melting Point: Mp 104-107°

>>**Derivative:** Et ester

CAS Registry Number: 123270-98-4
Molecular Formula: $C_9H_6F_4O_3$
Molecular Weight: 238.138
Accurate Mass: 238.025307
Percentage Composition: C 45.39%; H 2.54%; F 31.91%; O 20.16%
Physical Description: Cryst.
Melting Point: Mp 108-110°

>>**Derivative:** Nitrile
Synonym(s): 4-Cyano-2,3,5,6-tetrafluorophenol

CAS Registry Number: 19161-30-9
Molecular Formula: C_7HF_4NO
Molecular Weight: 191.085
Accurate Mass: 190.999426
Percentage Composition: C 44.00%; H 0.53%; F 39.77%; N 7.33%; O 8.37%
Physical Description: Cryst. (C_6H_6)
Melting Point: Mp 128-129° (124°)

>>**Derivative:** Nitrile, *O*-benzoyl

CAS Registry Number: 31469-88-2
Molecular Formula: $C_{14}H_5F_4NO_2$
Molecular Weight: 295.193
Accurate Mass: 295.025641
Percentage Composition: C 56.96%; H 1.71%; F 25.74%; N 4.74%; O 10.84%
Physical Description: Cryst. (EtOH)
Melting Point: Mp 113-114°

>>**Derivative:** Me ether
Synonym(s): 2,3,5,6-Tetrafluoro-4-methoxybenzoic acid

CAS Registry Number: 3153-01-3
Molecular Formula: $C_8H_4F_4O_3$
Molecular Weight: 224.111
Accurate Mass: 224.009657
Percentage Composition: C 42.88%; H 1.80%; F 33.91%; O 21.42%
Physical Description: Cryst.
Melting Point: Mp 122-123°

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