



>>Derivative: 3,5-Di-Me ether

Synonym(s): 4-Hydroxy-3,5-dimethoxybenzeneacetic acid, 9Cl. 4-Hydroxy-3,5-dimethoxyphenylacetic acid, 8Cl. Homosyringic acid

CAS Registry Number: 4385-56-2

Molecular Formula: $C_{10}H_{12}O_5$

Molecular Weight: 212.202

Accurate Mass: 212.068475

Percentage Composition: C 56.60%; H 5.70%; O 37.70%

Physical Description: Needles (petrol or EtOAc)

Melting Point: Mp 130-131°

>>Derivative: 3,5-Di-Me ether, benzoyl

Molecular Formula: $C_{17}H_{16}O_6$

Molecular Weight: 316.31

Accurate Mass: 316.09469

Percentage Composition: C 64.55%; H 5.10%; O 30.35%

Physical Description: Needles (C_6H_6)

Melting Point: Mp 149-150°

>>Derivative: Tri-Me ether

Synonym(s): 3,4,5-Trimethoxybenzeneacetic acid, 9Cl. 3,4,5-Trimethoxyphenylacetic acid

CAS Registry Number: 951-82-6

Molecular Formula: $C_{11}H_{14}O_5$

Molecular Weight: 226.229

Accurate Mass: 226.084125

Percentage Composition: C 58.40%; H 6.24%; O 35.36%

Melting Point: Mp 121°

Aldrich: T7060-2

Fluka: 92190

>>Derivative: Tri-Me ether, nitrile

Synonym(s): 3,4,5-Trimethoxybenzeneacetonitrile, 9Cl. 3,4,5-Trimethoxyphenylacetonitrile

CAS Registry Number: 13338-63-1

Molecular Formula: $C_{11}H_{13}NO_3$

Molecular Weight: 207.229

Accurate Mass: 207.089544

Percentage Composition: C 63.76%; H 6.32%; N 6.76%; O 23.16%

Physical Description: Cryst. (Et_2O)

Melting Point: Mp 77-78°

Boiling Point: Bp_{0.1} 140-155°

Aldrich: 11336-0

Fluka: 92185

References:

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