



>>Entry Name: 2-Amino-4,5-dihydroxybenzoic acid

Synonym(s): 6-Aminoprotocatechuic acid. 4,5-Dihydroxyanthranilic acid

CAS Registry Number: 114874-99-6

Molecular Formula: C₇H₇NO₄

Molecular Weight: 169.137

Accurate Mass: 169.037509

Percentage Composition: C 49.71%; H 4.17%; N 8.28%; O 37.84%

Biological Source: Prod. by *Botrytis* sp. AM13791

Biological Use/Importance: Inhibitor of protein-tyrosine kinase

>>Derivative: *N*-Et, amide

Synonym(s): 2-(Ethylamino)-4,5-dihydroxybenzamide, 9CI

CAS Registry Number: 127793-87-7

Molecular Formula: C₉H₁₂N₂O₃

Molecular Weight: 196.205

Accurate Mass: 196.084793

Percentage Composition: C 55.09%; H 6.16%; N 14.28%; O 24.46%

Biological Source: Alkaloid from *Piper nigrum*

>>Derivative: 4-Me ether, *N*-(4-hydroxy-3-methoxy-*E*-cinnamoyl)

Synonym(s): Avenanthramide 2

CAS Registry Number: 154992-25-3

Molecular Formula: C₁₈H₁₇NO₇

Molecular Weight: 359.335

Accurate Mass: 359.100504

Percentage Composition: C 60.17%; H 4.77%; N 3.90%; O 31.17%

Biological Source: Constit. of oat *Avena sativa*

>>Derivative: Di-Me ether

Synonym(s): 2-Amino-4,5-dimethoxybenzoic acid. 6-Aminoveratric acid

CAS Registry Number: 5653-40-7

Molecular Formula: C₉H₁₁NO₄

Molecular Weight: 197.19

Accurate Mass: 197.068809

Percentage Composition: C 54.82%; H 5.62%; N 7.10%; O 32.45%

Physical Description: Needles (EtOAc)

Melting Point: Mp 186°

Aldrich: 25204-2

Fluka: 7720

>>Derivative: Di-Me ether, Me ester

CAS Registry Number: 26759-46-6

Molecular Formula: C₁₀H₁₃NO₄

Molecular Weight: 211.217

Accurate Mass: 211.084459

Percentage Composition: C 56.87%; H 6.20%; N 6.63%; O 30.30%

Physical Description: Plates (C₆H₆)

Melting Point: Mp 133°

Fluka: 7725

Rare Chemicals Library: S44544-4