



>>>Derivative: *N*-(4-Hydroxy-3,5-dimethoxy-*E*-cinnamoyl)

Synonym(s): *N-trans*-Sinapoyltyramine

CAS Registry Number: 200125-11-7

Molecular Formula: C₁₉H₂₁NO₅

Molecular Weight: 343.379

Accurate Mass: 343.141974

Percentage Composition: C 66.46%; H 6.16%; N 4.08%; O 23.30%

Biological Source: Alkaloid from *Porcelia macrocarpa*

Physical Description: Amorph. powder

UV: [neutral] λ_{max} 205 (log ε 4.21); 225 (log ε 4.14); 320 (log ε 3.96) (MeOH)

>>>Derivative: *N*-[3-(4-Hydroxy-3-methoxyphenyl)propanoyl]

Synonym(s): *N-Dihydroferuloyl*tyramine

CAS Registry Number: 184877-32-5

Molecular Formula: C₁₈H₂₁NO₄

Molecular Weight: 315.368

Accurate Mass: 315.147059

Percentage Composition: C 68.55%; H 6.71%; N 4.44%; O 20.29%

Biological Source: Alkaloid from stems of cherimoya (*Annona cherimola*)

Physical Description: Amorph. powder

UV: [neutral] λ_{max} 206 (log ε 2.73); 255 (sh) (log ε 3.65); 280 (log ε 2.34) (EtOH)

Other Data: Mp >300°

>>>Derivative: *N*-Jasmonoyl

Synonym(s): *N-Jasmonoyl*tyramine

CAS Registry Number: 202661-57-2

Molecular Formula: C₂₀H₂₇NO₃

Molecular Weight: 329.438

Accurate Mass: 329.199094

Percentage Composition: C 72.92%; H 8.26%; N 4.25%; O 14.57%

Biological Source: Constit. of the pollen of *Petunia hybrida*

Other Data: For Jasmonoyl struct. see Jasmonic acid [KCT55-C](#)

>>>Derivative: *N*-Me

Synonym(s): 4-[2-(Methylamino)ethyl]phenol, 9Cl. *N-Methyl*tyramine

CAS Registry Number: 370-98-9

Molecular Formula: C₉H₁₃NO

Molecular Weight: 151.208

Accurate Mass: 151.099714

Percentage Composition: C 71.49%; H 8.67%; N 9.26%; O 10.58%

Biological Source: Alkaloid from *Hordeum vulgare*, *Panicum miliaceum*, some *Coryphantha* spp. and several other spp. Also found in mescal (*Lophophora williamsii*), *Trichocereus* spp. and other cacti (Gramineae, Cactaceae)

Melting Point: Mp 130-131° (127-128°)

>>>Derivative: *N*-Me, *O*-α-L-rhamnopyranoside

Synonym(s): *N-Methyl*tyramine *O*-α-L-rhamnopyranoside

CAS Registry Number: 111537-50-9

Molecular Formula: C₁₅H₂₃NO₅

Molecular Weight: 297.35

Accurate Mass: 297.157624

Percentage Composition: C 60.59%; H 7.80%; N 4.71%; O 26.90%

Biological Source: Alkaloid from *Selaginella doederleinii* (Selaginellaceae)

Physical Description: Amorph. solid

Optical Rotation: [α]_D²⁰ -131 (c, 0.3 in MeOH)

>>>Derivative: *N,N*-Di-Me