



Physical Description: Cryst. (MeOH)
Melting Point: Mp 260-261°
Hazard & Toxicity: LD₅₀ (mus, ipr) 780 mg/kg

>>**Derivative:** *N*-(4-Hydroxy-*Z*-cinnamoyl)
Synonym(s): *N-p-cis-Coumaroyltyramine*

CAS Registry Number: 111129-11-4

Molecular Formula: C₁₇H₁₇NO₃
Molecular Weight: 283.326
Accurate Mass: 283.120844
Percentage Composition: C 72.07%; H 6.05%; N 4.94%; O 16.94%
Biological Source: Alkaloid from *Allium chinense* and *Aristolochia kankauensis*
Physical Description: Needles (CHCl₃/MeOH)
Melting Point: Mp 234-235°

>>**Derivative:** *N*-(3,4-Dihydroxy-*E*-cinnamoyl)
Synonym(s): *N-trans-Caffeoyltyramine*

CAS Registry Number: 103188-48-3

Molecular Formula: C₁₇H₁₇NO₄
Molecular Weight: 299.326
Accurate Mass: 299.115759
Percentage Composition: C 68.22%; H 5.72%; N 4.68%; O 21.38%
Biological Source: Constit. of *Annona crassiflora*, *Annona montana* and *Cannabis sativa*
Physical Description: Powder
Melting Point: Mp 219.5-222.5° (214-215°)
UV: [neutral] λ_{max} 221 (ε 14125); 294 (ε 10960); 321 (ε 12020) (MeOH) (Berdy) [base] λ_{max} 208 (ε 12500); 225 (ε 13182); 242 (ε 10300); 308 (ε 7080); 349 (ε 13800) (MeOH-NAOH) (Berdy)

>>**Derivative:** *N*-(3,4-Dihydroxy-*Z*-cinnamoyl)
Synonym(s): *N-cis-Caffeoyltyramine*

CAS Registry Number: 219773-48-5

Molecular Formula: C₁₇H₁₇NO₄
Molecular Weight: 299.326
Accurate Mass: 299.115759
Percentage Composition: C 68.22%; H 5.72%; N 4.68%; O 21.38%
Biological Source: Alkaloid from stems of cherimoya (*Annona cherimola*)
Physical Description: Yellow oil
UV: [neutral] λ_{max} 203 (log ε 2.43); 220 (sh) (log ε 3.36); 280 (log ε 2.53); 310 (log ε 3.21) (EtOH)

>>**Derivative:** *N*-(4-Hydroxy-3-methoxy-*E*-cinnamoyl)
Synonym(s): *N-trans-Feruloyltyramine*. Moupinamide

CAS Registry Number: 66648-43-9
Extra CAS Registry Numbers(s): 65646-26-6

Molecular Formula: C₁₈H₁₉NO₄
Molecular Weight: 313.352
Accurate Mass: 313.131409
Percentage Composition: C 69.00%; H 6.11%; N 4.47%; O 20.42%
Biological Source: Alkaloid from *Aristolochia moupinensis*, *Cannabis sativa*, *Piper nigrum* and other plant spp.
Physical Description: Cryst.(Me₂CO/CHCl₃)
Melting Point: Mp 144.5-145°