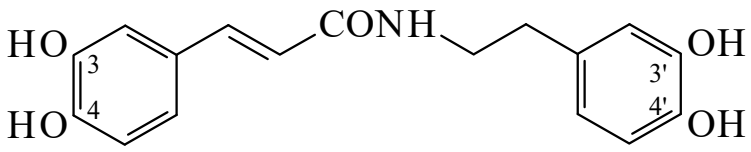
>>**Entry Name: *N*-(3,4-Dihydroxycinnamoyl)dopamine**



Molecular Formula: $C_{17}H_{17}NO_5$
Molecular Weight: 315.325
Accurate Mass: 315.110674
Percentage Composition: C 64.75%; H 5.43%; N 4.44%; O 25.37%

>>**Variant:** (*E*)-form

Molecular Formula: $C_{17}H_{17}NO_5$
Molecular Weight: 315.325
Accurate Mass: 315.110674
Percentage Composition: C 64.75%; H 5.43%; N 4.44%; O 25.37%

>>**Derivative:** 3,3'-Di-Me ether
Synonym(s): *N-trans*-Feruloyl-3-*O*-methyldopamine

CAS Registry Number: 78510-19-7

Molecular Formula: $C_{19}H_{21}NO_5$
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 wood of *Actinodaphne longifolia* (Lauraceae)
Physical Description: Oil

>>**Derivative:** 3,3'-Di-Me ether, 4-*O*-β-D-galactopyranoside
Synonym(s): Cimicifugamide

CAS Registry Number: 155159-01-6

Molecular Formula: $C_{25}H_{31}NO_{10}$
Molecular Weight: 505.521
Accurate Mass: 505.194799
Percentage Composition: C 59.40%; H 6.18%; N 2.77%; O 31.65%
Biological Source: Alkaloid from the rhizomes of *Cimicifuga dahurica*

>>**Derivative:** 3,4'-Di-Me ether
Synonym(s): *N-trans*-Feruloyl-4-*O*-methyldopamine

CAS Registry Number: 78510-20-0

Molecular Formula: $C_{19}H_{21}NO_5$
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 roots of *Chenopodium album* (Chenopodiaceae)
Physical Description: Oil

>>**Derivative:** Tetra-Me ether
Synonym(s): Rubemamine

CAS Registry Number: 121817-65-0

Molecular Formula: $C_{21}H_{25}NO_5$
Molecular Weight: 371.432
Accurate Mass: 371.173274
Percentage Composition: C 67.91%; H 6.78%; N 3.77%; O 21.54%
Biological Source: Alkaloid from the stem bark of *Zanthoxylum rubescens* (Rutaceae)
Melting Point: Mp 121-122°