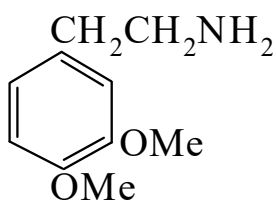




>>Entry Name: 3,4-Dimethoxyphenethylamine, 8Cl

Synonym(s): 3,4-Dimethoxybenzeneethanamine, 9Cl. Homoveratrylamine. 4-(β-Aminoethyl)veratrole. *O,O*-Dimethyldopamine



CAS Registry Number: 120-20-7

Type of Compound Code(s): VX2000

Molecular Formula: C₁₀H₁₅NO₂

Molecular Weight: 181.234

Accurate Mass: 181.110279

Percentage Composition: C 66.27%; H 8.34%; N 7.73%; O 17.66%

Biological Source: Isol. from *Desmodium tiliaefolium*, *Pachycereus pecten-aboriginum*, *Trichocereus peruvianus* and other *Trichocereus* spp., *Echinocereus merkeri* and mescal (*Lophophora williamsii*) (Leguminosae, Cactaceae)

Physical Description: Cryst. (C₆H₆/petrol)

Melting Point: Mp 124°

Boiling Point: Bp₁₅ 188°

Aldrich: D13620-4

Fluka: 53660

Sigma: D1379

>>Derivative: Hydrochloride

CAS Registry Number: 635-85-8

Melting Point: Mp 154-155°

Hazard & Toxicity: LD₅₀ (rat, ipr) 146 mg/kg

Rare Chemicals Library: S32930-4

>>Derivative: *N*-Formyl

CAS Registry Number: 14301-36-1

Molecular Formula: C₁₁H₁₅NO₃

Molecular Weight: 209.244

Accurate Mass: 209.105194

Percentage Composition: C 63.14%; H 7.23%; N 6.69%; O 22.94%

Melting Point: Mp 40-42°

Boiling Point: Bp_{0.01} 170°

>>Derivative: *N*-Me

Synonym(s): 3,4-Dimethoxy-*N*-methylphenethylamine

CAS Registry Number: 3490-06-0

Type of Compound Code(s): VX2000

Molecular Formula: C₁₁H₁₇NO₂

Molecular Weight: 195.261

Accurate Mass: 195.125929

Percentage Composition: C 67.66%; H 8.78%; N 7.17%; O 16.39%

Biological Source: Isol. from *Pilosocereus guerreronis*, *Coryphantha* spp., *Echinocereus merkeri* and *Ariocarpus* spp. (Cactaceae)

Physical Description: Oil

Boiling Point: Bp_{0.8} 120°

Aldrich: 33477-4

>>Derivative: *N*-Me; hydrochloride

CAS Registry Number: 13078-76-7

Physical Description: Cryst. (EtOH)

Melting Point: Mp 134-135°

Aldrich: 33478-2