Biological Source: Isol. from aerial parts of *Oxytropis puberula*
Melting Point: Mp 157-158°
Optical Rotation: $[\alpha]_D$ –25.3 (c, 0.79 in MeOH)

>>**Derivative:** Me ether
Synonym(s): 2-Methoxy-2-phenylethylamine. β-Methoxybenzeneethanamine, 9CI

CAS Registry Number: 55163-76-3
Molecular Formula: $C_9H_{13}NO$
Molecular Weight: 151.208
Accurate Mass: 151.099714
Percentage Composition: C 71.49%; H 8.67%; N 9.26%; O 10.58%
Boiling Point: Bp_{20} 110-113°
Optical Rotation: $[\alpha]_D^{22}$ –118.5 (neat)
Density: d_4^{20} 1.018

>>**Derivative:** Me ether; hydrochloride

CAS Registry Number: 62064-68-0
Melting Point: Mp 158-159°

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

CAS Registry Number: 56613-81-1
Molecular Formula: $C_8H_{11}NO$
Molecular Weight: 137.181
Accurate Mass: 137.084064
Percentage Composition: C 70.04%; H 8.08%; N 10.21%; O 11.66%
Melting Point: Mp 61-62° (55-57°)
Optical Rotation: $[\alpha]_D$ +47.9 (c, 2.4 in EtOH)
Fluka: 9222

>>**Derivative:** Hydrochloride

CAS Registry Number: 71025-82-6
Melting Point: Mp 209-210°
Optical Rotation: $[\alpha]_D^{13}$ +48.8 (c, 5.08 in H_2O)

>>**Derivative:** *N*-Benzoyl

Molecular Formula: $C_{15}H_{15}NO_2$
Molecular Weight: 241.289
Accurate Mass: 241.110279
Percentage Composition: C 74.67%; H 6.27%; N 5.80%; O 13.26%
Biological Source: Constit. of *Oxytropis trichophysa* and *Oxytropis muricata*
Physical Description: Cryst. (Me_2CO)
Melting Point: Mp 154-155°
Optical Rotation: $[\alpha]_D^{30}$ +35.2 (c, 0.68 in MeOH)

>>**Derivative:** *N*-Benzoyl, *O*-Ac
Synonym(s): 2-Acetyloxy-*N*-benzoyl-2-phenylethylamine. **Muricatide**

CAS Registry Number: 111025-01-5
Extra CAS Registry Numbers(s): 109393-37-5 128820-22-4

Molecular Formula: $C_{17}H_{17}NO_3$
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 *Oxytropis muricata*
Physical Description: Needles (hexane/petrol)
Melting Point: Mp 114-115° (110-112°)
Optical Rotation: $[\alpha]_D^{20}$ +40.7 (c, 0.43 in $CHCl_3$)
UV: [neutral] λ_{max} 208 (sh) (); 226 () (EtOH)