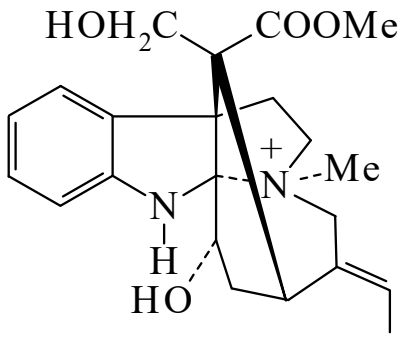
>>**Entry Name: Echitamine**
Synonym(s): Ditaine



Type of Compound Code(s): VX5200

Molecular Formula: $C_{22}H_{29}N_2O_4^{(+)}$
Molecular Weight: 385.482
Accurate Mass: 385.212733
Percentage Composition: C 68.55%; H 7.58%; N 7.27%; O 16.60%
Biological Source: Alkaloid from *Alstonia congensis, Alstonia scholaris, Alstonia angustiloba, Alstonia spectabilis, Alstonia verticillosa, Alstonia gilleti, Alstonia spatulata* and *Alstonia neriifolia* (Apocynaceae)
Solubility: BERDY SOL: Sol. H_2O, EtOH, Et_2O; poorly sol. hexane
UV: [neutral] λ_{max} 235 (ε 8800); 295 (ε 3700) (MeOH) (Berdy)
Hazard & Toxicity: Highly toxic orally

>>**Derivative:** Chloride

CAS Registry Number: 6878-36-0
Molecular Formula: $C_{22}H_{29}ClN_2O_4$
Molecular Weight: 420.935
Accurate Mass: 420.181585
Percentage Composition: C 62.78%; H 6.94%; Cl 8.42%; N 6.66%; O 15.20%
Physical Description: Needles or stumpy prisms (H_2O)
Melting Point: Mp 274 dec.°. Mp 295°
Optical Rotation: $[\alpha]_D^{15}$ –58 (c, 1 in H_2O)

>>**Derivative:** 17-Ac
Synonym(s): 17-*O*-Acetylechitamine

CAS Registry Number: 132937-97-4
Type of Compound Code(s): VX5200
Molecular Formula: $C_{24}H_{31}N_2O_5^{(+)}$
Molecular Weight: 427.519
Accurate Mass: 427.223298
Percentage Composition: C 67.43%; H 7.31%; N 6.55%; O 18.71%
Biological Source: Alkaloid from the bark of *Alstonia scholaris* (Apocynaceae)

>>**Derivative:** Di-*O*-Ac, chloride

Physical Description: Needles (EtOAc)
Melting Point: Mp 271°

>>**Derivative:** N^4-De-Me
Synonym(s): *N*-Demethylechitamine. Norechitamine

CAS Registry Number: 60048-88-6
Type of Compound Code(s): VX5200
Molecular Formula: $C_{21}H_{26}N_2O_4$
Molecular Weight: 370.447
Accurate Mass: 370.189258
Percentage Composition: C 68.09%; H 7.07%; N 7.56%; O 17.28%
Biological Source: Alkaloid from the root bark of *Alstonia scholaris* (Apocynaceae)
Physical Description: Off-white cryst.
Melting Point: Mp 238-240°