



>>>**Variant:** (1*S*,4*S*)-form

Synonym(s): (+)-*cis*-form

CAS Registry Number: 79617-96-2

Molecular Formula: C₁₇H₁₇Cl₂N

Molecular Weight: 306.233

Accurate Mass: 305.073803

Percentage Composition: C 66.68%; H 5.60%; Cl 23.15%; N 4.57%

Other Data: Pharmacol. active isomer

Sigma: S9541

>>>**Derivative:** Hydrochloride

Synonym(s): Sertraline hydrochloride, USAN. Gladem. Lustral. Serlain. Serad. Tatig. Tresleen. Zoloft. CP 51974-01

CAS Registry Number: 79559-97-0

Physical Description: Cryst. (EtOAc/Et₂O)

Development Status: Marketed drug. Launched 1990. Worldwide 13th best selling prescription drug (\$2.14 bn) (Pfizer) (2000, Pharma Business)

Melting Point: Mp 243-245°

Optical Rotation: [α]_D²³ +37.9 (c, 2.0 in MeOH)

>>>**Variant:** (1*R*,4*R*)-form

Synonym(s): (±)-*cis*-form

CAS Registry Number: 79836-45-6

Molecular Formula: C₁₇H₁₇Cl₂N

Molecular Weight: 306.233

Accurate Mass: 305.073803

Percentage Composition: C 66.68%; H 5.60%; Cl 23.15%; N 4.57%

>>>**Derivative:** Hydrochloride

CAS Registry Number: 79617-99-5

Melting Point: Mp 214-216°

References:

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