>>**Derivative:** Hydrochloride

CAS Registry Number: 51742-86-0
Physical Description: Cryst. (CH_2Cl_2/MeCN)
Melting Point: Mp 276-277°
Optical Rotation: $[\alpha]_D^{25}$ –33 (c, 0.3 in MeOH)

>>**Variant:** (1*S*,2'*S*)-form
Synonym(s): (–)-*threo*-form

Molecular Formula: $C_{17}H_{16}F_6N_2O$
Molecular Weight: 378.317
Accurate Mass: 378.116681
Percentage Composition: C 53.97%; H 4.26%; F 30.13%; N 7.40%; O 4.23%

>>**Derivative:** Hydrochloride

CAS Registry Number: 51744-85-5
Physical Description: Cryst. (EtOAc/hexane)
Melting Point: Mp 151-155°
Optical Rotation: $[\alpha]_D^{25}$ –53.4 (c, 0.31 in MeOH)

>>**Variant:** (1*RS*,2'*RS*)-form
Synonym(s): (±)-*threo*-form

CAS Registry Number: 58737-31-8
Molecular Formula: $C_{17}H_{16}F_6N_2O$
Molecular Weight: 378.317
Accurate Mass: 378.116681
Percentage Composition: C 53.97%; H 4.26%; F 30.13%; N 7.40%; O 4.23%

>>**Derivative:** Hydrochloride

CAS Registry Number: 58560-52-4
Melting Point: Mp 258-260°

>>**Variant:** (1*RS*,2'*SR*)-form
Synonym(s): (±)-*erythro*-form

CAS Registry Number: 53230-10-7
Molecular Formula: $C_{17}H_{16}F_6N_2O$
Molecular Weight: 378.317
Accurate Mass: 378.116681
Percentage Composition: C 53.97%; H 4.26%; F 30.13%; N 7.40%; O 4.23%
Melting Point: Mp 178-178.5°

>>**Derivative:** Hydrochloride
Synonym(s): Mefloquine hydrochloride, USAN

CAS Registry Number: 51773-92-3
Melting Point: Mp 259-260°
Hazard & Toxicity: Adverse effects incl. gastrointestinal disturbances, dizziness and loss of balance. LD_{50} (rat, orl) 880 mg/kg

References: