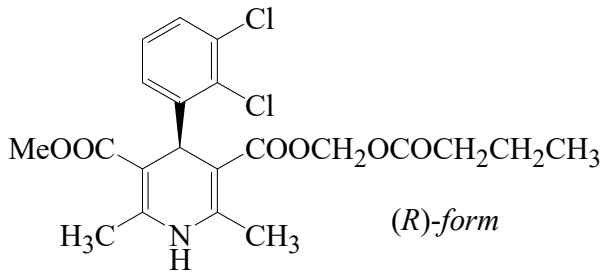
>>**Entry Name: Clevidipine,** INN
Synonym(s): Methyl (1-oxobutoxy)methyl 4-(2,3-dichlorophenyl)-1,4-dihydro-2,6-dimethyl-3,5-pyridinedicarboxylate, 9Cl



(*R*)-*form*

CAS Registry Number: 167221-71-8
Related CAS Registry Numbers(s): 166432-28-6

Molecular Formula: $C_{21}H_{23}Cl_2NO_6$
Molecular Weight: 456.321
Accurate Mass: 455.090243
Percentage Composition: C 55.27%; H 5.08%; Cl 15.54%; N 3.07%; O 21.04%
Biological Use/Importance: Calcium channel blocker. Antihypertensive agent

>>**Variant:** (*R*)-form
CAS Registry Number: 167356-40-3
Molecular Formula: $C_{21}H_{23}Cl_2NO_6$
Molecular Weight: 456.321
Accurate Mass: 455.090243
Percentage Composition: C 55.27%; H 5.08%; Cl 15.54%; N 3.07%; O 21.04%
Physical Description: Cryst. (diisopropyl ether)
Melting Point: Mp 128-129°
Optical Rotation: $[\alpha]_D^{20}$–21.5 (c, 1 in MeOH)

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

CAS Registry Number: 167356-39-0
Molecular Formula: $C_{21}H_{23}Cl_2NO_6$
Molecular Weight: 456.321
Accurate Mass: 455.090243
Percentage Composition: C 55.27%; H 5.08%; Cl 15.54%; N 3.07%; O 21.04%
Physical Description: Cryst. (diisopropyl ether)
Melting Point: Mp 128-129°
Optical Rotation: $[\alpha]_D^{20}$+17.5 (c, 1 in MeOH)

>>**Variant:** (±)-form

Molecular Formula: $C_{21}H_{23}Cl_2NO_6$
Molecular Weight: 456.321
Accurate Mass: 455.090243
Percentage Composition: C 55.27%; H 5.08%; Cl 15.54%; N 3.07%; O 21.04%
Physical Description: Cryst. (diisopropyl ether)
Melting Point: Mp 136.2-138.5°

References:

Pat. Coop. Treaty (WIPO), 1995, *Astra*, 95 12 578; *CA*, **123**, 313768v, *(synth, pharmacol)*

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