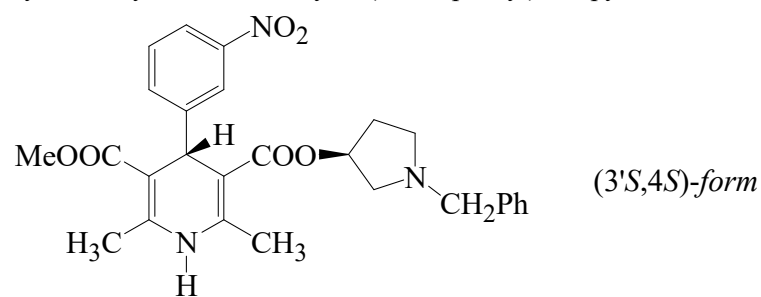




>>Entry Name: Barnidipine, INN

Synonym(s): Methyl 1-(phenylmethyl)-3-pyrrolidinyl 1,4-dihydro-2,6-dimethyl-4-(3-nitrophenyl)-3,5-pyridinedicarboxylate, 9Cl. Mepirodipine. Hypoca. YM 09730-5



Related CAS Registry Numbers(s): 71863-55-3 104713-77-1 104713-78-2 104757-56-4 104831-94-9

Molecular Formula: C₂₇H₂₉N₃O₆

Molecular Weight: 491.543

Accurate Mass: 491.205637

Percentage Composition: C 65.98%; H 5.95%; N 8.55%; O 19.53%

Use/Importance: Calcium antagonist; antihypertensive agent

Development Status: Launched 1992 (Japan)

>>Variant: (3'S,4S)-form

CAS Registry Number: 104713-75-9

Molecular Formula: C₂₇H₂₉N₃O₆

Molecular Weight: 491.543

Accurate Mass: 491.205637

Percentage Composition: C 65.98%; H 5.95%; N 8.55%; O 19.53%

Melting Point: Mp 137-139°

Optical Rotation: $[\alpha]_D^{20} +64.8$ (c, 1 in MeOH)

Calculated Log P Data: Log P 4.55 (uncertain value) (calc)

Other Data: Pharmacol. active isomer

>>Derivative: Hydrochloride

CAS Registry Number: 104757-53-1

Melting Point: Mp 226-228°

Optical Rotation: $[\alpha]_D^{20} +116.4$ (c, 1 in MeOH)

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