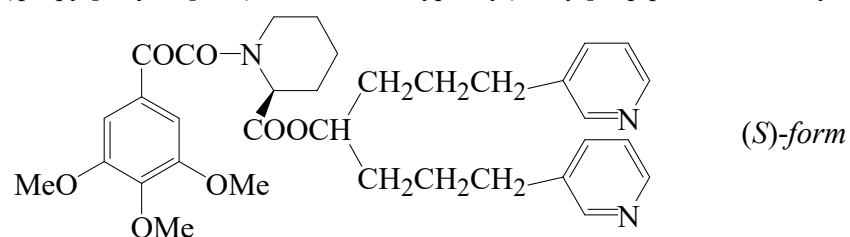




>>Entry Name: Biricodar, INN

Synonym(s): 4-(3-Pyridinyl)-1-[3-(3-pyridinyl)propyl]butyl 1-[oxo(3,4,5-trimethoxyphenyl)acetyl]-2-piperidinecarboxylate, 9Cl. VX 710



Molecular Formula: C₃₄H₄₁N₃O₇

Molecular Weight: 603.714

Accurate Mass: 603.294452

Percentage Composition: C 67.64%; H 6.84%; N 6.96%; O 18.55%

Biological Use/Importance: Used in cancer chemotherapy as a multidrug resistant inhibitor

>>Variant: (S)-form

CAS Registry Number: 159997-94-1

Molecular Formula: C₃₄H₄₁N₃O₇

Molecular Weight: 603.714

Accurate Mass: 603.294452

Percentage Composition: C 67.64%; H 6.84%; N 6.96%; O 18.55%

Physical Description: Characterised by pmr

Other Data: Pharmacol. active isomer

>>Derivative: Citrate (1:2)

Synonym(s): Biricodar dicitrate, USAN

CAS Registry Number: 174254-13-8

References:

Pat. Coop. Treaty (WIPO), 1994, *Vertex*, 94 07 858; *CA*, **122**, 55896q, (*synth, pharmacol*)

Germann, U.A. *et al.*, *Anti-Cancer Drugs*, 1997, **8**, 125-140; 141-155, (*pharmacol*)