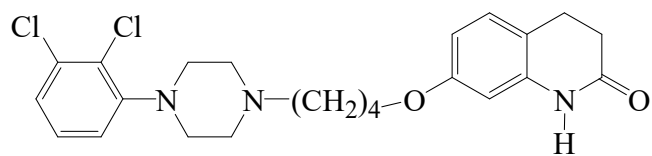




>>Entry Name: Aripiprazole, INN, USAN

Synonym(s): 7-[4-[4-(2,3-Dichlorophenyl)-1-piperazinyl]butoxy]-3,4-dihydro-2(1H)-quinolinone, 9Cl. OPC 14597. OPC 31



CAS Registry Number: 129722-12-9

Related CAS Registry Numbers(s): 129722-15-2 129722-16-3

Molecular Formula: C₂₃H₂₇Cl₂N₃O₂

Molecular Weight: 448.391

Accurate Mass: 447.148031

Percentage Composition: C 61.61%; H 6.07%; Cl 15.81%; N 9.37%; O 7.14%

Biological Use/Importance: Shows presynaptic dopamine autoreceptor agonist activity and postsynaptic dopamine D₂-receptor antagonist activity. Antipsychotic agent

Physical Description: Cryst. (EtOH)

Melting Point: Mp 139-139.5°

>>Derivative: Hydrochloride

CAS Registry Number: 129722-13-0

Melting Point: Mp 214-222° (dec.)

>>Derivative: Sulfate

CAS Registry Number: 129722-14-1

Melting Point: Mp 220-225°

References:

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