

Cat # ABT-440-01	Arbidol, Hydrochloride (Pharma Grade)	Size: 1 g
Cat # ABT-440-10	Arbidol, Hydrochloride (Pharma Grade)	Size: 10 g

## General Information

Arbidol (Russian: Арбидол) (Chinese: 阿比朵尔) is an antiviral treatment for influenza infection used in Russia and China. The drug is manufactured by Moscow-based Masterlek. Although some Russian studies have shown it to be effective, it is not approved for use in Western countries. Chemically, arbidol features an indole core, functionalized at all positions but one with different substituents. The drug inhibits viral entry into target cells, and also stimulates the immune response.

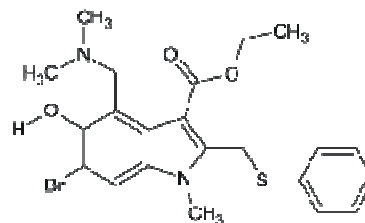
Arbidol is manufactured and made available as both tablets and capsules.

Treatments for influenza include a range of medications and therapies that are used in response to disease influenza. Treatments may either directly target the influenza virus itself; or instead they may just offer relief to symptoms of the disease, while the body's own immune system works to recover from infection.

The two main classes of antiviral drugs used against influenza are neuraminidase inhibitors, such as zanamivir and oseltamivir, or inhibitors of the viral M2 protein, such as amantadine and rimantadine. These drugs can reduce the severity of symptoms if taken soon after infection and can also be taken to decrease the risk of infection. However, viral strains have emerged that show drug resistance to both classes of drug.

Antiviral drugs directly target the viruses responsible for influenza infections. Generally, anti-viral drugs work optimally when taken within a few days of the onset of symptoms. Certain drugs are used prophylactically.

Four licensed influenza antiviral agents are available in the United States: amantadine, rimantadine, zanamivir, and oseltamivir. They are available through prescription only. These drugs fall into categories as either M2-inhibitors or neuraminidase inhibitors as illustrated in the following table.



Molecular Formula:  
 $C_{22}H_{28}BrClN_2O_4S$   
Molecular Weight:  
531.89g/mol

**ABT-440-01**

**110519AO**

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