

ВОЗ присвоила препарату Арбидол международный код АТХ как противовирусному препарату прямого действия (J05A - Direct acting antivirals)



WHO Collaborating Centre for
Drug Statistics Methodology



Norwegian Institute of Public Health

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ATC/DDD methodology

ATC

DDD

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cumulative lists

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J **ANTIINFECTIVES FOR SYSTEMIC USE**

J05 **ANTIVIRALS FOR SYSTEMIC USE**

J05A **DIRECT ACTING ANTIVIRALS**

J05AX **Other antivirals**

ATC code	Name	DDD	U	Adm.R	Note
J05AX01	moroxydine	0.3	g	O	
J05AX02	lysozyme				
J05AX05	inosine pranobex	3	g	O	
J05AX06	pleconaril				
J05AX07	enfuvirtide	0.18	g	P	
J05AX08	raltegravir	0.8	g	O	
J05AX09	maraviroc	0.6	g	O	
J05AX10	maribavir				
J05AX11	elvitegravir				
J05AX12	dolutegravir	50	mg	O	
J05AX13	umifenovir	0.8	g	O	
J05AX14	daclatasvir				
J05AX15	sofosbuvir	0.4	g	O	

[List of abbreviations](#)

Last updated: 2013-12-19

http://www.whocc.no/atc_ddd_index/?code=J05AX

Публикации в базе Medline за 2013/2014гг

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- [Inhibition of influenza hemagglutinin with the antiviral inhibitor arbidol using a proteomics based approach and mass spectrometry.](#)
Nastor ZH, Swaminathan K, Muller P, Downard KM.
Antiviral Res. 2013 Nov;100(2):339-403. doi: 10.1016/j.antiviral.2013.03.021. Epub 2013 Sep 4.
PMID: 24012002 [PubMed - in process]
[Related citations](#)
- [\[Potentiation of NO-dependent activation of soluble guanylyl cyclase by 5-nitroisatin and antiviral preparation arbidol\].](#)
Savvidis IS, Shtchegolev AU, Medvedev AF, Donnad Kair.
2013 May-Jun;59(3):295-304. Russian.
PMID: 25187601 [PubMed - indexed for MEDLINE]
[Related citations](#)
- [Arbidol inhibits viral entry by interfering with clathrin-dependent trafficking.](#)
Blaising J, Levy JH, Polyak SJ, Slaughter M, Houslet S, Machera JH.
Antiviral Res. 2013 Aug;99(2):125-35. doi: 10.1016/j.antiviral.2013.03.018. Epub 2013 Apr 27.

- [Design of inhibitors of influenza virus membrane fusion: synthesis, structure-activity relationship and in vitro antiviral activity of a novel indole series.](#)
Branco V, Peduto A, Wharton S, Martin S, Mero V, Di Mola A, Massa A, Porfetto B, Donnarumma G, Schiraldi C, Tufano MA, de Rosa M, Filosa R, Hoy A.
Antiviral Res. 2013 Aug;99(2):126-35. doi: 10.1016/j.antiviral.2013.05.005. Epub 2013 May 22.
PMID: 25707194 [PubMed - in process]
[Related citations](#)
- [Glucuronidation of the broad-spectrum antiviral drug arbidol by UGT isoforms.](#)
Song JJ, Fang ZF, Zhu JJ, Cao YF, Hu GM, Ge GB, Zhao DW.
J Pharm Pharmacol. 2013 Apr;65(4):521-7. doi: 10.1111/jpp.12114. Epub 2012 Dec 24.
PMID: 25488780 [PubMed - indexed for MEDLINE]
[Related citations](#)
- [Pharmacokinetics of single and multiple oral doses of arbidol in healthy Chinese volunteers.](#)
Sun Y, He X, Gao F, Zhu X, Zhao M, Li Ling J, Su X, Zhao L.
Int J Clin Pharmacol Ther. 2013 May;51(5):423-32. doi: 10.5414/CPT201343.

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- [In vitro antiviral and immunomodulatory activity of Arbidol and structurally related derivatives in HSV 1-infected Human Keratinocytes \(HaCat\).](#)

Perfetto B, Filosa R, De Gregorio V, Peduto A, La Gatta A, De Caprariis P, Tufano MA, Donnarumma G.
J Med Microbiol. 2014 Sep 3. pii: jmm.0.076612-0. doi: 10.1099/jmm.0.076612-0. [Epub ahead of print]
PMID: 25187601 [PubMed - as supplied by publisher]
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- [\[The peculiarities of the influenza epidemics in some areas of Russia during 2012-2013 season. The influenza A \(H1N1\) pdm09 virus domination in European countries\].](#)

L'vov DK, Burtseva EI, Shchelkanov Mlu, Kolobuhina LV, Feodoritova EL, Trushakova SV, Kirillova ES, Breslav NV, Beliaev AL, Merkulova LN, Vartanian RV, Fediakina IT, Bogdanova VS, Proshina ES, Kirillov IM, Kisteneva LV, Ivanova VT, Oskerko TA, Siluanova EV, Mukasheva EA, Krasnoslobodtsev KG, Lavrishcheva VV, Aik'khovskii SV, Prilipov AG, Samokhvalov EI, Aristova VA, Morozova TN, Garina EO, Malysheva NA.
Vopr Virusol. 2014 Mar-Apr;59(2):5-10. Review. Russian.
PMID: 25069278 [PubMed - indexed for MEDLINE]
[Related citations](#)

- [Evaluation of antiviral efficacy of ribavirin, arbidol, and T-705 \(favipiravir\) in a mouse model for Crimean-Congo hemorrhagic fever.](#)

Oestereich L, Rieger T, Neumann M, Bernreuther C, Lehmann M, Krasemann S, Wurr S, Emmerich P, de Lamballerie X, Ölschläger S, Günther S.
PLoS Negl Trop Dis. 2014 May 1;8(5):e2804. doi: 10.1371/journal.pntd.0002804. eCollection 2014 May.
PMID: 24788461 [PubMed - in process] [Free PMC Article](#)
[Related citations](#)

- [Arbidol as a broad-spectrum antiviral: an update.](#)

Blaising J, Polyak SJ, Pécheur EI.
Antiviral Res. 2014 Jul;107:84-94. doi: 10.1016/j.antiviral.2014.04.006. Epub 2014 Apr 24.
PMID: 24769245 [PubMed - in process]
[Related citations](#)

- [Application of LA-ICP-MS as a rapid tool for analysis of elemental impurities in active pharmaceutical ingredients.](#)

Rudovica V, Viksna A, Actins A.
J Pharm Biomed Anal. 2014 Mar;91:119-22. doi: 10.1016/j.jpba.2013.12.025. Epub 2014 Jan 2.
PMID: 24440826 [PubMed - in process]
[Related citations](#)

АРБИДОЛ®

Год	Страна	Количество публикаций
2014	Латвия, Италия, Канада	3
2013	Австралия, Китай, Франция, Великобритания, Канада, Сингапур, Япония	17
2012	США, Нидерланды, Китай, Бельгия	7
2011	Франция, США, Китай	6
2010	Франция, Италия Испания, США, Бельгия Китай	9

Арбидол активно изучается на международном уровне и интерес к препарату растет

Противовирусная активность Арбидола *in vitro*

Арбидол активен в отношении вирусов гриппа А и В, а также спектра других возбудителей ОРВИ

Семейство	Вирус	Показатель активности Арбидола	Ссылка
Orthomyxoviridae	Вирус гриппа А H1N1 A/PR/8/34 (сезонный) A/California/07/2009 (пандемич.)	МПК ₅₀ 2,7 -4,0 мкг/мл	[1,2]
	Вирус гриппа А H3N2 A/Aichi/2/68	ИК ₅₀ 6,7 мкг/мл	[3]
	Вирус гриппа А H5N1	ИК ₅₀ 9,8-13,9 мкг/мл	[5]
	Вирус гриппа В В/Beijing/184/93	ИК ₅₀ 7,1 мкг/мл	[3]
Pneumoviridae	РС вирус	МПК ₅₀ 8,7 мкг/мл	[4]
Picornaviridae	Риновирус 14 типа	ИК ₅₀ 6,5 мкг/мл	[3]
Paramyxoviridae	Вирус парагриппа 3 типа	ИК ₅₀ 4,9 мкг/мл	[3]
Adenoviridae	Аденовирус	ИК ₅₀ 20 мкг/мл	[6]
Coronaviridae	Вирус атипичной пневмонии (ТОРС)	Арбидол в дозе 50 мкг/мл вызывает угнетение репликации вируса на 2,3lg.	[7]

1. Brooks, M.J and ets. Curr. Opin. Pulmonary Med.– 2004.– 10.– P.197.
2. И.А. Ленева и др. Вопросы вирусологии. 2010. Т.55. №3.
3. Megan J. Brooks. And ets. J Med Virol. 2012 Jan;84(1):170-81
4. Shi L. and ets. Arch Virol . –2007.– May
5. Федякина И.Т. и др. Антибиотики и химиотер. - 2011. – Т. 56, № 3-4. – С. 3-9.