

NEW FDA DRUGS AND WARNINGS NOT FITTING NIOSH CRITERIA FOR HAZARDOUS DRUGS 2006

Proprietary Name	Established Name	NIOSH Hazardous Drugs Criteria					How Supplied
		Cancer	Preg Cat	Repro Tox	Organ Tox	Geno Tox	
Actoplus Met	pioglitazone HCl/metformin HCl	NT	C	NT	+	NT	Tablets
Actos	pioglitazone HCl	-/+	C	--	+	--	Tablets
Adderall	amphetamines	--	C	--	+	--	Tablets
Amphadase*	hyaluronidase	NT	C	NT		NT	Dermal injection
Apidra	insulin glulisine	+	C	--		--	Subcutaneous injection or infusion
Aptivus	tipranavir	In progress	C	--	+	--	Capsules
Aranesp	darbepoetin alfa		C		+		IV injection
	rosiglitazone	+/-	C	+/-	+	+/-	Tablets
Avandaryl	maleate/Glimepiride						
Avonex	interferon beta 1a	NT	C	+/-		--	IM injection
Betaseron	interferon beta 1b	NT	C	+/-		--	Subcutaneous injection
Byetta	exenatide	--	C	--		--	Subcutaneous Injection
Campial	acamprosate calcium	--	C	--		--	Coated tablets
Cancidis	casprofungin acetate	NT	C	--		--	IV infusion
ChiRhoStim	human secretion	NT	C	NT		NT	IV injection
Clozaril	clozapine	-	B			-	Tablets
Concerta*	methylphenidate HCl	+/-	C	--	+	+/-	Tablets
Cymbalta	doloxetine HCl	+/-	C	+/-	--	--	Coated capsules
Daytrana*	methylphenidate HCl	+/-	C	--	+	+/-	Trans-dermal
Dexedrine	dextroamphetamine	NT	C		+	NT	Tablets
Dilaudid	hydromorphone HCl	NT	C	--		--	Tablets
Diovan	valsartan	--	C	--		--	Tablets
Elaprase	idursulfate	NT	C	NT		NT	IV infusion
Elmiron	pentosan polysulfate Na	--	B	NT		--	Capsules
Enablex	darifenacin HBr	--	C	--		--	Coated tablets

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Epogen*	epoetin alfa	NT	C		+	--	IV injection
Eraxis	andulafungin	NT	C	--		--	IV Infusion
Ethylol	amifostine	NT	C	NT	+	+/-	IV infusion
Exjade	deferasirox	--	B		--	--	Tablets for oral suspension
Focalin	dexmethyphenidate HCl	+/-	C	--	+	+/-	Tablets
Fortovase	saguinavir mesylate	--	B	--	+	--	Capsules
Fosrenol	lanthanum carbonate hydrate	+/-	C	+/-			Chewable tablet
Gabril	tiagabine	+/-	C	+/-		+/-	Tablets
Herceptin	trastuzumab	NT	B	--	+	--	IV infusion
Humira	adalimumab	+	B		+		Subcutaneous injection
Hydase*	hyaluronidase	NT	C	NT		NT	Tablets, capsules
Invirase*	saguinavir mesylate	--	B	--	+	--	Subcutaneous injection
Iplex	mecasermin	NT	C	NT		NT	Subcutaneous injection
Januvia	rinfabate						Tablets
	sitagliptin phosphate	+	B	--		--	Tablets
Ketek	telithromycin	NT	C	+/-	+	--	Tablets
Lamictal	lamotrigine	--	C	--	+	--	Tablets
Levermir	insulin detemir	NT	C	+/-		--	Subcutaneous Injection
Lucentis	ranibizumab	NT	C	NT		NT	Intravitreal injection
Lumigan	bimatoprost	--	C	--		--	Ophthalmic
Macugen	pegaptanib sodium	NT	B	--		--	Intravitreal Injection
Magnevist	gadopentetate	NT	C	+		+/-	IV
Metadate*	methyphenidate HCl	+/-	C	--	+	+/-	Tablets
Methylin*	methyphenidate HCl	+/-	C	--	+	+/-	Tablets
Multihance	gadobenate	NT	C	+/-		--	IV Infusion
Naglazyme	galsulfase	NT	B	--		NT	IV Infusion
Nevanac	nepafenac	NT	C			--	Ophthalmic suspension

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Nexium	esomeprazole magnesium	+/-	B	--		+	Capsules
Noxafil	posaconazole	--	C	--	+	--	Oral suspension
NutreStore	L-glutamine	NT	C	NT		NT	Capsules
Omacor	omega-3-acide ethyl esters	--	C	--		--	Capsules
Opana	oxymorphone HCl	--	C	+		+/-	Tablets
Pentetate Zinc		NT	B	NT		NT	IV injection
Trisodium							
Prevacid NapralPAC	lansoprazole/ naproxen	+	C	--	+	+	Capsules
Prezista	darunavir	NT	B	--		--	Tablets
Prialt	ziconotide	NT	C	+/-	+	--	Intrathecal infusion
Procrit*	epoetin alfa	NT	C		+	--	IV injection
Propranolol HCl	inderal	--	C	--		+/-	IV
Ranaxa	ranolazine	+/-	C	NT		--	Coated tablets
Raptiva	efalizumab	NT	C	+/-		--	Subcutaneous injection
Remicade	infliximab	+/-	B	--	+	--	IV infusion
Ritalin*	methylphenidate HCl	+/-	C	--	+	+/-	Capsules
Sanctura	trospium chloride	--	C	--		--	Tablets
Serzone	nefazodone HCl		C		+		Tablets
Sensipar	cinacalcet HCl	--	C	NT		--	Tablets
Strattera	atomoxetine HCl	--	C	--	+	--	Tablets
Symlin	pramlintide acetate	--	C	--		--	Subcutaneous injection
Trasylol	aprotinin	NT	B			--	IV injection
Tyzeka	telbivudine	--	B	--		--	Tablets
Vectibix	panitumumab	NT	C	+	+	NT	IV
Ventavis	iloprost	--	C	--		--	Inhalation
Veregen	kunecatechins	--	C	--		+	Ointment

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VESicare	solifenacin succinate	--	C	--		--	Tablets
Videx	didanosine	--	B	--	+	+	Tablets
Visudyne	verteporfin	NT	C			+	IV infusion
Vitrase	ovine hyaluronidase	NT	C	NT			Dermal injection
Wellbutrin*	bupropion HCl	--	C	--	--	+	Tablets
Xifaxan	rifaximin	NT	C	--		--	Tablets
Zarontin	ethosuximide				+		Capsules
Zinecard	dextrazoxane	NT	C	+	+		IV infusion
Zyban*	bupropion HCl	--	C	--	--	+	Tablets
Zyprexa	olanzapine	+	C	+		-	Tablets

Drugs include new FDA approved drugs from 2004-2006; new FDA drug warnings 2006; NIH Hazardous Drugs List

NT = Not Tested; + = characteristic of drug fits NIOSH definition; -- = characteristic of drug does not fit NIOSH definition; +/- = mixed characteristics; * = more than one proprietary name for same drug

Pregnancy Category A
Controlled studies in women fail to demonstrate a risk to the fetus in the first trimester (and there is no evidence of a risk in later trimesters), and the possibility of fetal harm appears remote.

Pregnancy Category B
Either animal-reproduction studies have not demonstrated a fetal risk but there are no controlled studies in pregnant women, or animal-reproduction studies have shown an adverse effect (other than a decrease in fertility) that was not confirmed in controlled studies in women in the first trimester (and there is no evidence of a risk in later trimesters).

Pregnancy Category C
Either studies in animals have revealed adverse effects on the fetus (teratogenic or embryocidal or other) and there are no controlled studies in women, or studies in women and animals are not available. Drugs should be given only if the potential benefit justifies the potential risk to the fetus.

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Pregnancy Category D
 There is positive evidence of human fetal risk, but the benefits from use in pregnant women may be acceptable despite the risk (e.g., if the drug is needed in a life-threatening situation or for a serious disease for which safer drugs cannot be used or are ineffective).

Pregnancy Category X
 Studies in animals or human beings have demonstrated fetal abnormalities, or there is evidence of fetal risk based on human experience or both, and the risk of the use of the drug in pregnant women clearly outweighs any possible benefit. The drug is contraindicated in women who are or may become pregnant.