

Appendix

Orally administered drugs that have been determined to be nitrosatable by evaluation of their chemical structure, reported by NBDPS subjects with estimated dates of delivery 1997-2005

Drug	Drug Class	Type of compound		
		Secondary amine	Tertiary amine	Amide
Acebutolol	Cardiovascular, Beta blocker	X		X
Albuterol	Asthma, Beta adrenergic	X		
Ambroxol	Cough, Mucolytic	X		
Amitriptyline	Antidepressant, Tricyclic		X	
Amoxicillin	Anti-infective, Beta lactam			X
Ampicillin	Anti-infective, Beta lactam			X
Amytal	Barbiturate			X
Antipyrine	Analgesic		X	
Atenolol	Cardiovascular, Beta blocker	X		X
Atropine	Anticholinergic		X	
Azatadine	Antihistamine		X	
Belladonna (as for Atropine)	Anticholinergic		X	
Brompheniramine	Antihistamine		X	
Butabarbital	Barbiturate	X		
Caffeine	Stimulant		X	X
Carbamazepine	Antiepileptic		X	X
Carbinoxamine	Cough suppressant		X	
Cefaclor	Anti-infective, Beta lactam			X
Cefadroxil	Anti-infective, Beta lactam			X
Cephalexin	Anti-infective, Beta lactam			X
Cephadrine	Anti-infective, Beta lactam			X
Chlordiazepoxide	Benzodiazepine	X	X	
Chloroquine	Anti-infective	X	X	
Chlorothiazide	Cardiovascular, Thiazide	X	X	X
Chlorpheniramine	Antihistamine		X	

Chlorpromazine	Antiemetic, Phenothiazine		X	
Chlorzoxazone	Muscle relaxant			X
Cimetidine	Gastrointestinal, H2 blocker	X	X	
Clemastine	Antihistamine		X	
Clindamycin	Anti-infective, Macrolide		X	X
Clomiphene	Fertility		X	X
Clomipramine	Antidepressant, Tricyclic		X	
Clonidine	Cardiovascular, Antihypertensive	X	X	
Cloxacillin	Anti-infective, Beta lactam			X
Codeine	Analgesic, Opioid		X	
Desipramine	Antidepressant, Tricyclic	X	X	
Dexbrompheniramine	Antihistamine		X	
Dexchlorpheniramine	Antihistamine		X	
Dextromethorphan	Cough suppressant		X	X
Diazepam	Benzodiazepine		X	X
Dichloralphenazone	Migraine		X	X
Diclofenac	Analgesic, NSAID	X		
Dicyclomine	Anticholinergic Cardiovascular, Calcium channel blocker		X	
Diltiazem			X	X
Dimenhydrinate	Antiemetic, Antihistamine		X	X
Diphenhydramine	Antihistamine		X	
Diphenoxylate	Antidiarrheal, Opioid		X	
Dipyrrone	Analgesic		X	
Doxycycline	Anti-infective, Tetracycline		X	X
Doxylamine	Antihistamine		X	
Enalapril	Cardiovascular, ACE Inhibitor	X		X
Ephedrine	Decongestant	X		
Epinephrine	Asthma	X		
Erythromycin	Anti-infective, Macrolide		X	
Ethambutol	Anti-infective, Antimycobacterial	X		

Fenfluramine	Anorexigenic	X		
Fluoxetine	Antidepressant, SSRI	X		
Furosemide	Cardiovascular, Diuretic	X		X
Hydralazine	Cardiovascular, Antihypertensive	X	X	
Hydrochlorothiazide	Cardiovascular, Thiazide	X		X
Hydroxyzine	Antihistamine		X	
Hyoscamine	Anticholinergic		X	
Imipramine	Antidepressant, Tricyclic		X	
Indomethacin	Analgesic, NSAID			X
Isometheptane	Migraine	X		
Isoniazid	Anti-infective		X	X
Lidocaine, Oral topical	Anesthetic, Topical mucous membranes	X	X	
Lorazepam	Benzodiazepine			X
Meclizine	Antihistamine		X	
Meperidine	Analgesic, Opioid		X	
Metformin	Antidiabetic, Biguanide	X	X	
Methadone	Analgesic, Opioid		X	
Methamphetamine	Stimulant	X		
Metoclopramide	Antiemetic, Prokinetic		X	X
Metoprolol	Cardiovascular, Beta blocker	X		
Metronidazole	Anti-infective		X	
Minocycline	Anti-infective, Tetracycline		X	X
Morphine	Analgesic, Opioid		X	
Nadolol	Cardiovascular, Beta blocker	X		
Naratriptan	Migraine		X	
Nicardipine	Cardiovascular, Calcium channel blocker	X	X	
Nicotine	Nicotine replacement		X	
Nifedipine	Cardiovascular, Calcium channel blocker	X		
Nimodipine	Cardiovascular, Calcium channel blocker		X	

Nortriptyline	Antidepressant, Tricyclic		X	
Oxacillin	Anti-infective, Beta lactam			X
Oxprenolol	Cardiovascular, Beta blocker	X		
Oxycodone	Analgesic, Opioid		X	
Oxytetracycline	Anti-infective, Tetracycline		X	X
Paregoric (as for morphine)	Antidiarrheal, Opioid		X	
Paroxetine	Antidepressant, SSRI	X		
Penicillin	Anti-infective, Beta lactam			X
Perphenazine	Antipsychotic		X	
Phenmetrazine	Anorexigenic	X		
Phenobarbital	Antiepileptic, Barbiturate			X
Phenylephrine *Excl topical	Decongestant		X	
Phenyltoloxamine	Antihistamine		X	
Phenytoin	Antiepileptic			X
Pindolol	Cardiovascular, Beta blocker	X		
Primidone	Antiepileptic			X
Probenecid	Uricosuric		X	X
Prochlorperazine	Antiemetic, Phenothiazine		X	
Promethazine	Antiemetic, Phenothiazine		X	
Propoxyphene	Analgesic, Opioid		X	
Propranolol	Cardiovascular, Beta blocker	X		
Pseudoephedrine	Decongestant	X		
Ranitidine	Gastrointestinal, H2 blocker		X	
Ritodrine	Tocolytic	X		
Scopolamine	Anticholinergic		X	
Sotalol	Cardiovascular, Beta blocker	X		X
Sulfamethoxazole	Anti-infective, Sulfonamide			X
Sulfisoxazole	Anti-infective, Sulfonamide			X
Terbutaline	Asthma, Beta adrenergic	X		
Terfenadine	Antihistamine		X	
Tetracycline	Anti-infective, Tetracycline		X	X

Timolol	Cardiovascular, Beta blocker	X	X	
Tizanidine	Muscle relaxant	X		
Trichlormethiazide	Cardiovascular, Thiazide diuretic	X		X
Tripolidine	Antihistamine		X	
Vancomycin	Anti-infective	X		X
Verapamil	Cardiovascular, Calcium channel blocker		X	

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