

Table 2. Additional compounds with adverse effects on pronephros development.

E-level description	ATC D-level description	ATC code D-level
Omeprazole	Proton pump inhibitors	A02BC
Dicyclomine hydrochloride	Synthetic anticholinergics, quaternary ammonium compounds	A03AA
Warfarin	Vitamin K antagonists	B01AA
Proscillaridin A	Scilla glycosides	C01AB
Amiodarone hydrochloride	Antiarrhythmics, class III	C01BD
Metaraminol bitartrate	Adrenergic and dopaminergic agents	C01CA
Midodrine hydrochloride	Adrenergic and dopaminergic agents	C01CA
Canrenone	Aldosterone antagonists	C03DA
Pentoxifylline	Purine derivatives	C04AD
Suloctidil	Other peripheral vasodilators	C04AX
Diltiazem hydrochloride	Phenylalkylamine derivates	C08DB
Lidoflazine	Other non-selective calcium channel blockers	C08EX
Valsartan	Angiotensin II antagonists, plain	C09CA
Irbesartan	Angiotensin II antagonists, plain	C09CA
Ciclopirox ethanolamine	Other antifungals for topical use	D01AE
Isotretinoin	Retinoids for treatment of acne	D10BA
Norgestimate	Progestogens and estrogens, fixed combinations	G03AA
Progesterone	Pregnen (4) derivatives	G03DA
Danazol	Antigonadotropins and similar agents	G03XA
Gestrinone	Antigonadotropins and similar agents	G03XA
Fludrocortisone acetate	Mineralocorticoids	H02AA
Methicillin sodium	Beta-lactamase resistant penicillins	J01CF
Sulbactam	Beta-lactamase inhibitors	J01CG
Tazobactam	Beta-lactamase inhibitors	J01CG
Cefotaxime sodium salt	Third-generation cephalosporins	J01DD
Troleandomycin	Macrolides	J01FA
Streptomycin sulfate	Streptomycins	J01GA
Nalidixic acid sodium salt	Other quinolones	J01MB
Oxolinic acid	Other quinolones	J01MB
Amphotericin B	Antibiotics	J02AA
Miconazole	Imidazole derivates	J02AB
Dapsone	Drugs for treatment of lepra	J04BA
Delavirdine	Non-nucleoside reverse transcriptase inhibitors	J05AG
Raltitrexed	Folic acid analogues	L01BA
Carmofur	Pyrimidine analogues	L01BC
Epirubicin hydrochloride	Anthracyclines and related substances	L01DB
Topotecan	Other antineoplastic agents	L01XX
Flutamide	Anti-androgens	L02BB
Nilutamide	Anti-androgens	L02BB

Exemestane	Aromatase inhibitors	L02BG
Leflunomide	Selective immunosuppressants	L04AA
Azathioprine	Other immunosuppressants	L04AX
Thalidomide	Other immunosuppressants	L04AX
Phenylbutazone	Butylpyrazolidines	M01AA
Piroxicam	Oxicams	M01AC
Meloxicam	Oxicams	M01AC
Mefenamic acid	Fenamates	M01AG
Nimesulide	Other anti-inflammatory and antirheumatic agents, non-steroids	M01AX
Auranofin	Gold preparations	M01CB
Etofenamate	Antiinflammatory preparations, non-steroids for topical use	M02AA
Felbinac	Antiinflammatory preparations, non-steroids for topical use	M02AA
Cisatracurium besylate	Other quaternary ammonium compounds	M03AC
Diflunisal	Salicylic acid and derivatives	N02BA
Valproic acid	Fatty acid derivatives	N03AG
Entacapone	Other dopaminergic agents	N04BX
Fluspirilen	Diphenylbutylpiperidine derivatives	N05AG
Pimozide	Diphenylbutylpiperidine derivatives	N05AG
Asenapine maleate	Diazepines, oxazepines and thiazepines	N05AH
Isocarboxazid	Monoamine oxidase inhibitors, non-selective	N06AF
Disulfiram	Drugs used in alcohol dependence	N07BB
Isoflupredone acetate	n/a	n/a
Nocodazole	n/a	n/a
Retinoic acid	n/a	n/a
GBR 12909 dihydrochloride	n/a	n/a
Pregnenolone	n/a	n/a
Parthenolide	n/a	n/a
Mevastatin	n/a	n/a
Tranilast	n/a	n/a
Hexestrol	n/a	n/a
Cycloheximide	n/a	n/a
Butylparaben	n/a	n/a
Methiazole	n/a	n/a
Homosalate	n/a	n/a
Clonixin Lysinate	n/a	n/a
Ethoxzolamide	n/a	n/a
Benzoxiquine	n/a	n/a
Clioquinol	Hydroxyquinoline derivatives	P01AA
Diloxanide furoate	Dichloracetamide derivatives	P01AC
Halofantrine hydrochloride	Other antimalarials	P01BX
Ivermectin	Avermectines	P02CF
Altrenogest	n/a	n/a

Flunixin meglumine	n/a	n/a
Oxibendazole	n/a	n/a
Parbendazole	n/a	n/a
Flunisolide	Corticosteroids	R01AD
Mometasone furoate	Corticosteroids	R01AD
Salmeterol	Selective beta-2-adrenoreceptor agonists	R03AC
Beclomethasone dipropionate	Glucocorticoids	R03BA
Budesonide	Glucocorticoids	R03BA
Fluticasone propionate	Glucocorticoids	R03BA
Meclozine dihydrochloride	Piperazine derivatives	R06AE
Astemizole	Other antihistamines for systemic use	R06AX

Drugs with a strong effect on pronephros development as judged by quantitative analysis are highlighted in bold. Abbreviation: ATC, Anatomical Therapeutic Chemical Classification system.