Supplemental Table S1. Databases and search strings used for initial literature search

Database	Search String
EMBASE	((((('24 dehydrocholesterol reductase' OR dhcr24 OR '7 dehydrocholesterol reductase' OR dhcr7 OR 'sterol c5 desaturase' OR sc5d OR '3-β-hydroxysteroid-δ8-δ7-isomerase' OR 'emopamil-binding protein' OR ebp OR '14-dehydrocholesterol reductase' OR dhcr14 OR 'methyl sterol oxidase' OR sc4mol OR 'lanosterol synthase' OR LSS OR 'hydroxysteroid 17-beta dehydrogenase 7' OR hsd17b7 OR 'nad(p)h steroid dehydrogenase-like protein' OR nsdhl OR 'laminin b receptor*' OR lbr OR 'lanosterol 14α-demethylase' OR ldm) NEAR/4 (inhibit* OR antagon* OR block* OR 'irreversible bind*')):ab,kw,ti) OR (((reduce OR reduces OR reduced OR reducing OR low* OR depressed OR subnormal*) NEAR/5 ('24 dehydrocholesterol reductase' OR dhcr24 OR '7 dehydrocholesterol reductase' OR dhrc7 OR 'sterol c5 desaturase' OR sc5d OR '3-β-hydroxysteroid-δ8-δ7-isomerase' OR 'emopamil-binding protein' OR ebp OR '14-dehydrocholesterol reductase' OR dhcr14 OR 'methyl sterol oxidase' OR sc4mol OR 'lanosterol synthase' OR LSS OR 'hydroxysteroid 17-beta dehydrogenase 7' OR hsd17b7 OR 'nad(p)h steroid dehydrogenase-like protein' OR nsdhl OR 'laminin b receptor*' OR lbr OR 'lanosterol 14α-demethylase' OR ldm) NEAR/3 (activit* OR level* OR express* OR transcript* OR translat*)):ab,kw,ti)) AND ('drug dosage form comparison'/de OR 'drug dose comparison'/de OR 'phase 3 clinical trial topic'/de OR 'adverse drug reaction'/lnk OR 'drug administration'/lnk OR 'drug analysis'/lnk OR 'drug combination'/lnk OR 'drug comparison'/lnk OR 'drug concentration'/lnk OR 'drug development'/lnk OR 'drug dose'/lnk OR 'drug interaction'/lnk OR 'drug therapy'/lnk OR 'drug toxicity'/lnk OR 'intraperitoneal drug administration'/lnk OR 'intravenous drug administration'/lnk OR 'oral drug administration'/lnk OR 'pharmacokinetics'/lnk OR 'side effect'/lnk OR 'special situation for pharmacovigilance'/lnk OR 'subcutaneous drug administration'/lnk OR 'drug'/exp/mj OR drug:ab,kw,ti OR drugs:ab,kw,ti OR agent*:ab,kw,ti OR medicat*:ab,kw,ti OR chemotherap*:ab,kw,ti OR prescri*:ab,kw,ti OR pharm*:ab,kw,ti)
EBSCOhost MEDLINE	(TI (((“24 dehydrocholesterol reductase” OR dhcr24 OR “7 dehydrocholesterol reductase” OR dhcr7 OR “sterol c5 desaturase” OR sc5d OR “3-β-hydroxysteroid-δ8-δ7-isomerase” OR “emopamil-binding protein” OR ebp OR “14-dehydrocholesterol reductase” OR dhcr14 OR “methyl sterol oxidase” OR sc4mol OR “lanosterol synthase” OR LSS OR “hydroxysteroid 17-beta dehydrogenase 7” OR hsd17b7 OR “nad(p)h steroid dehydrogenase-like protein” OR nsdhl OR “laminin b receptor*” OR lbr OR “lanosterol 14α-demethylase” OR ldm) N3 (inhibit* OR antagon* OR block* OR “irreversible bind*”)) OR ((reduce OR reduces OR reduced OR reducing OR low* OR depressed OR subnormal*) N4 (“24 dehydrocholesterol reductase” OR dhcr24 OR “7 dehydrocholesterol reductase” OR dhcr7 OR “sterol c5 desaturase” OR sc5d OR “3-β-hydroxysteroid-δ8-δ7-isomerase” OR “emopamil-binding protein” OR ebp OR “14-dehydrocholesterol reductase” OR dhcr14 OR “methyl sterol oxidase” OR sc4mol OR “lanosterol synthase” OR LSS OR “hydroxysteroid 17-beta dehydrogenase 7” OR hsd17b7 OR “nad(p)h steroid dehydrogenase-like protein” OR nsdhl OR “laminin b receptor*” OR lbr OR “lanosterol 14α-demethylase” OR ldm) N2 (activit* OR level* OR express* OR transcript* OR translat*))) OR AB (((“24 dehydrocholesterol reductase” OR dhcr24 OR “7 dehydrocholesterol reductase” OR dhcr7 OR “sterol c5 desaturase” OR sc5d OR “3-β-hydroxysteroid-δ8-δ7-isomerase” OR “emopamil-binding protein” OR ebp OR “14-dehydrocholesterol reductase” OR dhcr14 OR “methyl sterol oxidase” OR sc4mol OR “lanosterol synthase” OR LSS OR “hydroxysteroid 17-beta dehydrogenase 7” OR hsd17b7 OR “nad(p)h steroid dehydrogenase-like protein” OR nsdhl OR “laminin b receptor*” OR lbr OR “lanosterol 14α-demethylase” OR ldm) N3 (inhibit* OR antagon* OR block* OR “irreversible bind*”)) OR ((reduce OR reduces OR reduced OR reducing OR low* OR depressed OR subnormal*) N4 (“24 dehydrocholesterol reductase” OR dhcr24 OR “7 dehydrocholesterol reductase” OR dhrc7 OR “sterol c5 desaturase” OR sc5d OR “3-β-hydroxysteroid-δ8-δ7-isomerase” OR “emopamil-binding protein” OR ebp OR “14-dehydrocholesterol reductase” OR dhcr14 OR “methyl sterol oxidase” OR sc4mol OR “lanosterol synthase” OR LSS OR “hydroxysteroid 17-beta dehydrogenase 7” OR hsd17b7 OR “nad(p)h steroid dehydrogenase-like protein” OR nsdhl OR “laminin b receptor*” OR lbr OR “lanosterol 14α-demethylase” OR ldm) N2 (activit* OR level* OR express* OR transcript* OR translat*)))) AND (MH "Drug Therapy+" OR TI (drug OR drugs OR agent* OR medicat* OR chemotherap* OR prescri* OR pharm*) OR AB (drug OR drugs OR agent* OR medicat* OR chemotherap* OR prescri* OR pharm*) OR MW (drug OR drugs OR agent* OR medicat* OR chemotherap* OR prescri* OR pharm*))