Information Sorted by Substance Name, Assay, and Reference Androgen

Assay*	Reference Androgen **	Substance	CASRN†	Purity (%)††	IC_{50} (µM)††	K_i (µM)††	Ki (µM) SEM††	HDT (µM)†††	RBA	log RBA	Reference
HGF	DHT	4-Acetoxy-4-androstene-3,17-dione	61630-32-8		12				0.02	-1.69897	Breiner et al. (1986)
rhAR	DHT	Allyltrienolone							75.42	1.87749	Bauer et al. (2000)
RPC	DHT	Androstanediol	1852-53-5		0.8				2	0.30103	Wilson and French (1976)
LnCaP cytosol	T	Androstanediol	1852-53-5						1.2	0.07918	Sonnenschein et al. (1989)
REC	R1881	Androstanediol	1852-53-5		3.7	1.85			0.054	-1.26761	Waller et al. (1996)
RECNR	R1881	Androstanediol	1852-53-5						1.4	0.14613	Kelce et al. (1994)
RPC	M	Androstanediol	1852-53-5		0.2337				0.57	-0.24413	Schilling and Liao (1984)
LnCaP cytosol	T	5α-Androstane-3β, 17β-diol	126061-67-4						14	1.14613	Sonnenschein et al. (1989)
HGF	R1881	4-Androstenedione	63-05-8			0.058			2	0.30103	Eil and Edelson (1984)
REC	R1881	4-Androstenedione	63-05-8		3.54	1.77			0.056	-1.25181	Waller et al. (1996)
RPC	DHT	Atrazine	1912-24-9		62				0.00177	-2.75203	Danzo (1997)
COS-1 cells +hAR	R1881	Bicalutamide	90357-06-5		0.055				6.36	0.80346	Kemppainen and Wilson (1996)
RPC	T	Bicalutamide	90357-06-5						1.8	0.25527	Teutsch et al. (1994)
REC	R1881	2,2-Bis-(*p* -hydroxyphenyl)-1,1,1-trichloroethane	2971-36-0		34.4	17.2			0.0058	-2.23657	Waller et al. (1996)
rhAR	DHT	Boldenone	846-48-0						48.76	1.68806	Bauer et al. (2000)
HGF	R1881	Canrenone	976-71-6			0.14			0.84	-0.07572	Eil and Edelson (1984)
rhAR	DHT	Chlormadinone acetate	302-22-7						14.61	1.16465	Bauer et al. (2000)
LnCaP cytosol	T	11β-Chloromethyl estradiol	71794-60-0						1.2	0.07918	Sonnenschein et al. (1989)
HGF	R1881	Cimetidine	51481-61-9			140			0.00084	-3.07572	Eil and Edelson (1984)
REC	R1881	Corticosterone	50-22-6		2940	1470			0.000068	-4.16749	Waller et al. (1996)
HGF	DHT	Cortisol	50-23-7		neg.			10	n.a.	n.a.	Breiner et al. (1986)
RPC	DHT	Cortisol	50-23-7		neg.			2	n.a.	n.a.	Wilson and French (1976)
RPC	M	Cortisol	50-23-7		neg.			0.3	n.a.	n.a.	Schilling and Liao (1984)
HGF	DHT	Cyanoketone	4248-66-2		neg.			10	n.a.	n.a.	Breiner et al. (1986)
COS-1 cells +hAR	DHT	Cyproterone acetate	427-51-0		0.17				0.588	-0.23062	Kemppainen et al. (1999)
COS-1 cells +hAR	R1881	Cyproterone acetate	427-51-0		0.18				2.2	0.34242	Kemppainen et al. (1992)
COS-1 cells +hAR	R1881	Cyproterone acetate	427-51-0		0.125				2.8	0.44716	Wong et al. (1995)
HGF	DHT	Cyproterone acetate	427-51-0		0.115				2.09	0.32015	Breiner et al. (1986)
HGF	DHT	Cyproterone acetate	427-51-0						2	0.30102	Brown et al. (1981)
HGF	R1881	Cyproterone acetate	427-51-0		0.05				10	1.00000	Brown et al. (1981)
HGF	R1881	Cyproterone acetate	427-51-0			0.0095			12.4	1.09342	Eil and Edelson (1984)
HGF	T	Cyproterone acetate	427-51-0						9.4	0.97312	Brown et al. (1981)
REC	R1881	Cyproterone acetate	427-51-0		0.08				2.5	0.39794	Kelce et al. (1994)
RECNR	R1881	Cyproterone acetate	427-51-0		2				3	0.47712	Kelce et al. (1994)
RPC	DHT	Cyproterone acetate	427-51-0		neg.			2	n.a.	n.a.	Wilson and French (1976)
RPC	T	Cyproterone acetate	427-51-0						10	1.00000	Teutsch et al. (1994)
HGF	R1881	Danazol	17230-88-5			0.00285			41.4	1.61700	Eil and Edelson (1984)
RPC	R1881	*p,p′* -DDD	72-54-8		90				0.0011	-2.95861	Kelce et al. (1995)
REC	R1881	*p,p′* -DDE	72-55-9		34.4	17.2			0.0058	-2.23657	Waller et al. (1996)
RPC	DHT	*p,p′* -DDE	72-55-9		6.8				0.016	-1.79588	Danzo (1997)
RPC	R1881	*p,p′* -DDE	72-55-9		5				0.02	-1.69897	Kelce et al. (1995)
REC	R1881	*o,p′* -DDT	789-02-6		344	172			0.00058	-3.23657	Waller et al. (1996)
RPC	DHT	*o,p′* -DDT	789-02-6		14				0.00786	-2.10458	Danzo (1997)
RPC	R1881	*o,p′* -DDT	789-02-6		95				0.00105	-2.97881	Kelce et al. (1995)
REC	R1881	*p,p′* -DDT	50-29-3		372	186			0.00054	-3.26761	Waller et al. (1996)
RPC	DHT	*p,p′* -DDT	50-29-3		22				0.005	-2.30103	Danzo (1997)
RPC	R1881	*p,p′* -DDT	50-29-3		75				0.0013	-2.88606	Kelce et al. (1995)
HGF	DHT	Dehydroepiandrosterone	53-43-0		13				0.0185	-1.73283	Breiner et al. (1986)
MCF-7 cytosol	DHT	15-Dehydroetonogestrel							2.2	0.34242	Deckers et al. (2000)
MCF-7 cytosol	DHT	15-Dehydronorethisterone							2.5	0.39794	Deckers et al. (2000)

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HGF	DHT	Desogestrel	54024-22-5		3.9				0.062	-1.20761	Breiner et al. (1986)
HGF	DHT	Dexamethasone	50-02-2		neg.			10	n.a.	n.a.	Breiner et al. (1986)
RPC	M	Dexamethasone	50-02-2		neg.			0.3	n.a.	n.a.	Schilling and Liao (1984)
HGF	R1881	Diazoxide	364-98-7		neg.			100	n.a.	n.a.	Eil and Edelson (1984)
CUC	DHT	3,4-Dichloroacetanilide	31620-87-8						0.0131	-1.88273	Bauer et al. (1998)
CUC	DHT	3,4-Dichloroaniline	95-76-1	98					0.0062	-2.20761	Bauer et al. (1998)
COS-1 cells +hAR	R1881	3',5'-Dichloro-2-hydroxy-2-methylbut-3-enanilide	16776-82-1		0.4				0.875	-0.05799	Wong et al. (1995)
REC	R1881	3',5'-Dichloro-2-hydroxy-2-methylbut-3-enanilide	16776-82-1	>99	5				0.04	-1.39794	Kelce et al. (1994)
REC	R1881	3',5'-Dichloro-2-hydroxy-2-methylbut-3-enanilide	16776-82-1	>99	38	19			0.0053	-2.27572	Waller et al. (1996)
RECNR	R1881	3',5'-Dichloro-2-hydroxy-2-methylbut-3-enanilide	16776-82-1	>99	50				0.12	-0.92082	Kelce et al. (1994)
COS-1 cells +hAR	R1881	2-[[3,5-(Dichlorophenyl)carbamoyl]oxy]-2-methyl-3-butenoic acid	119209-27-7		20				0.0175	-1.75696	Wong et al. (1995)
REC	R1881	2-[[3,5-(Dichlorophenyl)carbamoyl]oxy]-2-methyl-3-butenoic acid	119209-27-7	>98	50				0.004	-2.39794	Kelce et al. (1994)
REC	R1881	2-[[3,5-(Dichlorophenyl)carbamoyl]oxy]-2-methyl-3-butenoic acid	119209-27-7	>98	312	156			0.00064	-3.19382	Waller et al. (1996)
RECNR	R1881	2-[[3,5-(Dichlorophenyl)carbamoyl]oxy]-2-methyl-3-butenoic acid	119209-27-7	>98	300				0.02	-1.69897	Kelce et al. (1994)
CUC	DHT	1-(3,4-Dichlorophenyl)urea	2327-02-8	98					0.0075	-2.12494	Bauer et al. (1998)
RPC	DHT	Dieldrin	60-57-1		74				0.00148	-2.82974	Danzo (1997)
HGF	DHT	Diethylstilbestrol	56-53-1		6.75				0.036	-1.44370	Breiner et al. (1986)
LnCaP cytosol	T	Diethylstilbestrol	56-53-1		neg.			5	n.a.	n.a.	Sonnenschein et al. (1989)
REC	R1881	Diethylstilbestrol	56-53-1		30.6	15.3			0.0065	-2.18709	Waller et al. (1996)
RPC	M	Diethylstilbestrol	56-53-1		neg.			0.3	n.a.	n.a.	Schilling and Liao (1984)
RPC	R1881	Diethylstilbestrol	56-53-1		10				0.01	-2.00000	Kelce et al. (1995)
HGF	DHT	Dihydrospirorenone	67392-87-4		0.695				0.35	-0.45593	Breiner et al. (1986)
COS-1 cells +hAR	DHT	5α-Dihydrotestosterone	521-18-6		0.001				100	2.00000	Kemppainen et al. (1999)
COS-1 cells +hAR	R1881	5α-Dihydrotestosterone	521-18-6		0.0035				100	2.00000	Kemppainen and Wilson (1996)
COS-1 cells +hAR	R1881	5α-Dihydrotestosterone	521-18-6		0.035				11.4	1.05690	Kemppainen et al. (1992)
COS-1 cells +hAR	R1881	5α-Dihydrotestosterone	521-18-6		0.05				10	1.00000	Lambright et al. (2000)
COS-1 cells +hAR	R1881	5α-Dihydrotestosterone	521-18-6		0.02				17.5	1.24304	Wong et al. (1995)
COS-1 cells +rtARα	M	5α-Dihydrotestosterone	521-18-6		0.0006				133	2.12385	Takeo and Yamashita (2000)
COS-1 cytosol +hAR	DHT	5α-Dihydrotestosterone	521-18-6		0.003				100	2.00000	Tilley et al. (1989)
CUC	DHT	5α-Dihydrotestosterone	521-18-6						100	2.00000	Bauer et al. (1998)
HGF	DHT	5α-Dihydrotestosterone	521-18-6		0.0024				100	2.00000	Breiner et al. (1986)

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HGF	DHT	5α-Dihydrotestosterone	521-18-6		0.005				100	2.00000	Brown et al. (1981)
HGF	R1881	5α-Dihydrotestosterone	521-18-6						49	1.69019	Brown et al. (1981)
HGF	R1881	5α-Dihydrotestosterone	521-18-6			0.00087			136	2.12353	Eil and Edelson (1984)
HGF	T	5α-Dihydrotestosterone	521-18-6						93	1.96800	Brown et al. (1981)
LnCaP cytosol	T	5α-Dihydrotestosterone	521-18-6						100	2.00000	Sonnenschein et al. (1989)
MCF-7 cytosol	DHT	5α-Dihydrotestosterone	521-18-6						100	2.00000	Deckers et al. (2000)
MCF-7 cytosol	DHT	5α-Dihydrotestosterone	521-18-6						100	2.00000	Schoonen et al. (1995)
REC	R1881	5α-Dihydrotestosterone	521-18-6		0.0294	0.0147			6.8	0.83251	Waller et al. (1996)
RECNR	R1881	5α-Dihydrotestosterone	521-18-6						80	1.90309	Kelce et al. (1994)
rhAR	DHT	5α-Dihydrotestosterone	521-18-6						100	2.00000	Bauer et al. (2000)
RPC	DHT	5α-Dihydrotestosterone	521-18-6		0.0011				100	2.00000	Danzo (1997)
RPC	DHT	5α-Dihydrotestosterone	521-18-6		0.016				100	2.00000	Wilson and French (1976)
RPC	M	5α-Dihydrotestosterone	521-18-6		0.000572				233	2.36736	Schilling and Liao (1984)
RPC	M	5α-Dihydrotestosterone	521-18-6		0.00329	0.00069	0.0002		108.8	2.03663	Van Dort et al. (2000)
RPC	T	5α-Dihydrotestosterone	521-18-6						180	2.25527	Teutsch et al. (1994)
RPC	M	5β-Dihydrotestosterone	571-22-2		0.02909				4.6	0.66276	Schilling and Liao (1984)
HGF	R1881	Diphenylhydantoin	57-41-0		neg.			100	n.a.	n.a.	Eil and Edelson (1984)
CUC	DHT	Diuron	330-54-1						0.0024	-2.61979	Bauer et al. (1998)
RPC	M	DTIB			0.0033	0.00071	0.00022		108.5	2.03543	Van Dort et al. (2000)
rhAR	DHT	Epitestosterone	481-30-1						1.63	0.21219	Bauer et al. (2000)
COS-1 cells +hAR	DHT	17β-Estradiol	50-28-2		0.12				0.833	-0.07935	Kemppainen et al. (1999)
COS-1 cells +hAR	R1881	17β-Estradiol	50-28-2		0.1				3.5	0.54407	Kemppainen and Wilson (1996)
COS-1 cells +hAR	R1881	17β-Estradiol	50-28-2		0.25				1.6	0.20412	Kemppainen et al. (1992)
COS-1 cytosol +hAR	DHT	17β-Estradiol	50-28-2		0.06				5	0.69897	Tilley et al. (1989)
HGF	DHT	17β-Estradiol	50-28-2		0.52				0.46	-0.33724	Breiner et al. (1986)
HGF	R1881	17β-Estradiol	50-28-2			0.024			4.9	0.69020	Eil and Edelson (1984)
LnCaP cytosol	T	17β-Estradiol	50-28-2						0.9	-0.04576	Sonnenschein et al. (1989)
REC	R1881	17β-Estradiol	50-28-2		3.96	1.98			0.05	-1.30103	Waller et al. (1996)
RECNR	R1881	17β-Estradiol	50-28-2						2.2	0.34242	Kelce et al. (1994)
rhAR	DHT	17β−Estradiol	50-28-2						4.88	0.68842	Bauer et al. (2000)
RPC	DHT	17β-Estradiol	50-28-2		98				0.00112	-2.95078	Danzo (1997)
RPC	DHT	17β-Estradiol	50-28-2		0.95				1.7	0.23045	Wilson and French (1976)
RPC	M	17β-Estradiol	50-28-2		0.01574				8.5	0.92942	Schilling and Liao (1984)
RPC	R1881	17β-Estradiol	50-28-2		0.5				0.2	-0.69897	Kelce et al. (1995)
LnCaP cytosol	T	Estriol	50-27-1		neg.			5	n.a.	n.a.	Sonnenschein et al. (1989)
LnCaP cytosol	T	Estrone	53-16-7						0.1	-1.00000	Sonnenschein et al. (1989)
HGF	DHT	17α-Ethinyl estradiol	57-63-6		0.82				0.29	-0.53760	Breiner et al. (1986)
LnCaP cytosol	T	17α-Ethinyl estradiol	57-63-6						1.4	0.14613	Sonnenschein et al. (1989)
MCF-7 cytosol	DHT	Etonogestrel	54048-10-1						6.2	0.79239	Deckers et al. (2000)
MCF-7 cytosol	DHT	Etonogestrel	54048-10-1						4.5	0.65321	Schoonen et al. (1995)
COS-1 cells +hAR	DHT	Fluoxymesterone	76-43-7		0.3				0.3	-0.52288	Kemppainen et al. (1999)
COS-1 cells +hAR	R1881	Flutamide	13311-84-7		neg.			0.5	n.a.	n.a.	Kemppainen et al. (1992)
CUC	DHT	Flutamide	13311-84-7						0.0065	-2.18708	Bauer et al. (1998)
HGF	R1881	Flutamide	13311-84-7			1.2			0.079	-1.10237	Eil and Edelson (1984)
REC	R1881	Flutamide	13311-84-7		10				0.02	-1.69897	Kelce et al. (1994)
RECNR	R1881	Flutamide	13311-84-7		neg.			100	n.a.	n.a.	Kelce et al. (1994)
HGF	DHT	Gestodene	60282-87-3		0.019				12.6	1.10037	Breiner et al. (1986)
MCF-7 cytosol	DHT	Gestodene	60282-87-3						5.2	0.71600	Deckers et al. (2000)
MCF-7 cytosol	DHT	Gestodene	60282-87-3						6.1	0.78533	Schoonen et al. (1995)

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REC	R1881	2,2',4,4',5,5'-Hexachlorobiphenyl	35065-27-1		2940	1470			0.000068	-4.16749	Waller et al. (1996)
RPC	DHT	δ-Hexachlorocyclohexane	319-86-8		36				0.0031	-2.50864	Danzo (1997)
RPC	DHT	γ-Hexachlorocyclohexane	58-89-9		44				0.0025	-2.60206	Danzo (1997)
HGF	R1881	4-Hydroxyandrostenedione	566-48-3			0.15			0.79	-0.10237	Eil and Edelson (1984)
COS-1 cells +hAR	DHT	Hydroxyflutamide	52806-53-8		0.46				0.217	-0.66354	Kemppainen et al. (1999)
COS-1 cells +hAR	R1881	Hydroxyflutamide	52806-53-8		0.35				1	0.00000	Kemppainen and Wilson (1996)
COS-1 cells +hAR	R1881	Hydroxyflutamide	52806-53-8		0.52				0.769	-0.11407	Kemppainen et al. (1992)
COS-1 cells +hAR	R1881	Hydroxyflutamide	52806-53-8		0.2				1.75	0.24304	Wong et al. (1995)
REC	R1881	Hydroxyflutamide	52806-53-8		0.5				0.4	-0.39794	Kelce et al. (1994)
REC	R1881	Hydroxyflutamide	52806-53-8		160	80			0.00143	-2.88606	Waller et al. (1996)
RECNR	R1881	Hydroxyflutamide	52806-53-8		7				0.857	-0.06702	Kelce et al. (1994)
RPC	R1881	Hydroxyflutamide	52806-53-8		0.5				0.2	-0.69897	Kelce et al. (1995)
RPC	R1881	Hydroxyflutamide	52806-53-8		0.75				0.133	-0.87506	Lambright et al. (2000)
RPC	T	Hydroxyflutamide	52806-53-8						0.8	-0.09691	Teutsch et al. (1994)
REC	R1881	Hydroxylinuron			3320	1660			0.00006	-4.22185	Waller et al. (1996)
HGF	DHT	17α-Hydroxyprogesterone	68-96-2		2.75				0.087	-1.06048	Breiner et al. (1986)
HGF	R1881	17α-Hydroxyprogesterone	68-96-2			0.28			0.42	-0.37675	Eil and Edelson (1984)
REC	R1881	17α-Hydroxyprogesterone	68-96-2		3540	1770			0.000056	-4.25181	Waller et al. (1996)
REC	R1881	Kepone	143-50-0		318	159			0.00063	-3.20066	Waller et al. (1996)
RPC	R1881	Kepone	143-50-0		125				0.0008	-3.09691	Kelce et al. (1995)
COS-1 cells +rtARα	M	11-Ketotestosterone	564-35-2		0.008				10	1.00000	Takeo and Yamashita (2000)
MCF-7 cytosol	DHT	Levonorgestrel	797-63-7						10.3	1.01284	Deckers et al. (2000)
MCF-7 cytosol	DHT	Levonorgestrel	797-63-7						8.2	0.91381	Schoonen et al. (1995)
COS-1 cells +hAR	R1881	Linuron	330-55-2	99.8	20				0.025	-0.16021	Lambright et al. (2000)
CUC	DHT	Linuron	330-55-2						0.01	-2.00000	Bauer et al. (1998)
REC	R1881	Linuron	330-55-2		200	100			0.001	-3.00000	Waller et al. (1996)
RPC	R1881	Linuron	330-55-2	99.8	200				0.0005	-0.33010	Lambright et al. (2000)
COS-1 cells +hAR	DHT	Medroxyprogesterone acetate	71-58-9		0.075				1.33	0.12385	Kemppainen et al. (1999)
HGF	DHT	Medroxyprogesterone acetate	71-58-9		0.0235				10.2	1.00860	Breiner et al. (1986)
HGF	R1881	Medroxyprogesterone acetate	71-58-9			0.01			11.6	1.06446	Eil and Edelson (1984)
MCF-7 cytosol	DHT	Medroxyprogesterone acetate	71-58-9						30	1.47712	Schoonen et al. (1995)
rhAR	DHT	Medroxyprogesterone acetate	71-58-9						48.61	1.68673	Bauer et al. (2000)
HGF	R1881	Megestrol acetate	595-33-5			0.0087			13.6	1.13354	Eil and Edelson (1984)
rhAR	DHT	Melengestrol acetate	2919-66-6						0.31	-0.50864	Bauer et al. (2000)
rhAR	DHT	Melengestrol acetate-metabolite 10			neg.			10	n.a.	n.a.	Bauer et al. (2000)
rhAR	DHT	Melengestrol acetate-metabolite 6			neg.			10	n.a.	n.a.	Bauer et al. (2000)
rhAR	DHT	Melengestrol acetate-metabolite 7			neg.			10	n.a.	n.a.	Bauer et al. (2000)
REC	R1881	Methoxychlor	72-43-5		2940	1470			0.000068	-4.16749	Waller et al. (1996)
RPC	DHT	Methoxychlor	72-43-5		110				0.001	-3.00000	Danzo (1997)
HGF	DHT	1-Methylandrosta-1,4-diene-3,17-dione	96301-34-7		neg.			10	n.a.	n.a.	Breiner et al. (1986)
MCF-7 cytosol	DHT	11-Methylene-15-dehydronorethisterone							2	0.30103	Deckers et al. (2000)
MCF-7 cytosol	DHT	11-Methylenenorethisterone							5	0.69897	Deckers et al. (2000)
COS-1 cells +rtARα	M	Methyltestosterone	58-18-4		0.002				40	1.60206	Takeo and Yamashita (2000)
rhAR	DHT	Methyltestosterone	58-18-4						35.93	1.55546	Bauer et al. (2000)

Information Sorted by Substance Name, Assay, and Reference Androgen

Assay*	Reference Androgen **	Substance	CASRN†	Purity (%)††	IC_{50} (µM)††	K_i (µM)††	Ki (µM) SEM††	HDT (µM)†††	RBA	log RBA	Reference
COS-1 cells +hAR	DHT	Methyltrienolone	965-93-5		0.015				6.7	0.82607	Kemppainen et al. (1999)
COS-1 cells +hAR	R1881	Methyltrienolone	965-93-5		0.0035				100	2.00000	Kemppainen and Wilson (1996)
COS-1 cells +hAR	R1881	Methyltrienolone	965-93-5		0.004				100	2.00000	Kemppainen et al. (1992)
COS-1 cells +hAR	R1881	Methyltrienolone	965-93-5		0.0035				100	2.00000	Wong et al. (1995)
COS-1 cytosol +hAR	DHT	Methyltrienolone	965-93-5		0.0028				107	2.02938	Tilley et al. (1989)
HGF	DHT	Methyltrienolone	965-93-5		0.0022				109	2.03743	Breiner et al. (1986)
HGF	DHT	Methyltrienolone	965-93-5		0.0025				200	2.30103	Brown et al. (1981)
HGF	R1881	Methyltrienolone	965-93-5			0.00118			100	2.00000	Eil and Edelson (1984)
HGF	T	Methyltrienolone	965-93-5						126	2.10030	Brown et al. (1981)
LnCaP cytosol	T	Methyltrienolone	965-93-5						200	2.30103	Sonnenschein et al. (1989)
REC	R1881	Methyltrienolone	965-93-5		0.002				100	2.00000	Kelce et al. (1994)
REC	R1881	Methyltrienolone	965-93-5		0.002	0.001			100	2.00000	Waller et al. (1996)
RECNR	R1881	Methyltrienolone	965-93-5		0.06				100	2.00000	Kelce et al. (1994)
RPC	R1881	Methyltrienolone	965-93-5		0.001				100	2.00000	Kelce et al. (1995)
RPC	T	Methyltrienolone	965-93-5						290	2.46240	Teutsch et al. (1994)
COS-1 cells +hAR	R1881	Methyltrienolone	965-93-5		0.005				100	2.00000	Lambright et al. (2000)
HGF	R1881	Methyltrienolone	965-93-5						100	2.00000	Brown et al. (1981)
RPC	M	Methyltrienolone	965-93-5		0.000906				147	2.16732	Schilling and Liao (1984)
RPC	R1881	Methyltrienolone	965-93-5		0.001				100	2.00000	Lambright et al. (2000)
COS-1 cells +hAR	DHT	Mibolerone	3704-09-4		0.012				8.3	0.91908	Kemppainen et al. (1999)
COS-1 cells +rtARα	M	Mibolerone	3704-09-4		0.0008				100	2.00000	Takeo and Yamashita (2000)
LnCaP cytosol	T	Mibolerone	3704-09-4						15	1.17609	Sonnenschein et al. (1989)
REC	R1881	Mibolerone	3704-09-4		0.002	0.001			100	2.00000	Waller et al. (1996)
RPC	DHT	Mibolerone	3704-09-4		0.08				20	1.30103	Wilson and French (1976)
RPC	M	Mibolerone	3704-09-4		0.00358	0.00075	0.0008		100	2.00000	Van Dort et al. (2000)
RPC	M	Mibolerone	3704-09-4		0.001335				100	2.00000	Schilling and Liao (1984)
COS-1 cells +hAR	R1881	Mifepristone	84371-65-3		0.18				2.2	0.34242	Kemppainen et al. (1992)
LnCaP cytosol	T	Moxestrol	34816-55-2		neg.			5	n.a.	n.a.	Sonnenschein et al. (1989)
HGF	R1881	MSD L-642,022			neg.			100	n.a.	n.a.	Eil and Edelson (1984)
HGF	R1881	MSD L-642,317				3.1			0.038	-1.42022	Eil and Edelson (1984)
HGF	DHT	Nilutamide	63612-50-0		0.3				1.67	0.22272	Brown et al. (1981)
HGF	R1881	Nilutamide	63612-50-0						0.2	-0.69890	Brown et al. (1981)
HGF	T	Nilutamide	63612-50-0						1.7	0.23040	Brown et al. (1981)
RPC	T	Nilutamide	63612-50-0						0.8	-0.09691	Teutsch et al. (1994)
RPC	DHT	Nonylphenol	25154-52-3		104				0.0011	-2.95861	Danzo (1997)
MCF-7 cytosol	DHT	Norethisterone	68-22-4						3.2	0.50515	Deckers et al. (2000)
MCF-7 cytosol	DHT	Norethisterone	68-22-4						6	0.77815	Schoonen et al. (1995)
HGF	DHT	Norethisterone acetate	51-98-9		0.09				2.6	0.41497	Breiner et al. (1986)
HGF	DHT	Norgestrel	6533-00-2		0.0145				16.6	1.22011	Breiner et al. (1986)
rhAR	DHT	19-Nortestosterone	434-22-0						75.22	1.87633	Bauer et al. (2000)
MCF-7 cytosol	DHT	ORG 2058	24320-06-7						0.14	-0.85387	Schoonen et al. (1995)
MCF-7 cytosol	DHT	ORG 30659							2.8	0.44716	Schoonen et al. (1995)
COS-1 cells +hAR	DHT	Oxandrolone	53-39-4		0.26				0.38	-0.42022	Kemppainen et al. (1999)
REC	R1881	P1			296	148			0.00068	-3.16749	Waller et al. (1996)
REC	R1881	2,2',4',5,5'-Pentachloro-4-biphenylol			264	132			0.00076	-3.11919	Waller et al. (1996)
RPC	DHT	Pentachlorophenol	87-86-5		68				0.0016	-2.79588	Danzo (1997)
HGF	DHT	Potassium canrenoate	2181-04-6		neg.			10	n.a.	n.a.	Breiner et al. (1986)

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Assay*	Reference Androgen **	Substance	CASRN†	Purity (%)††	IC_{50} (µM)††	K_i (µM)††	Ki (µM) SEM††	HDT (µM)†††	RBA	log RBA	Reference
LnCaP cytosol	T	Pregnenolone	145-13-1		neg.			5	n.a.	n.a.	Sonnenschein et al. (1989)
REC	R1881	Pregnenolone	145-13-1		2940	1470			0.000068	-4.16749	Waller et al. (1996)
REC	R1881	Procymidone	32809-16-8		2940	1470			0.000068	-4.16749	Waller et al. (1996)
COS-1 cells +hAR	DHT	Progesterone	57-83-0		0.062				1.613	0.20763	Kemppainen et al. (1999)
COS-1 cells +hAR	R1881	Progesterone	57-83-0		0.09				3.89	0.58995	Kemppainen and Wilson (1996)
COS-1 cytosol +hAR	DHT	Progesterone	57-83-0		0.15				2	0.30103	Tilley et al. (1989)
HGF	DHT	Progesterone	57-83-0		0.5				0.48	-0.31876	Breiner et al. (1986)
HGF	R1881	Progesterone	57-83-0			0.018			6.6	0.81954	Eil and Edelson (1984)
LnCaP cytosol	T	Progesterone	57-83-0						19	1.27875	Sonnenschein et al. (1989)
MCF-7 cytosol	DHT	Progesterone	57-83-0						1.5	0.17609	Schoonen et al. (1995)
REC	R1881	Progesterone	57-83-0		3540	1770			0.000056	-4.25181	Waller et al. (1996)
rhAR	DHT	Progesterone	57-83-0						3.83	0.58320	Bauer et al. (2000)
RPC	DHT	Progesterone	57-83-0		neg.			2	n.a.	n.a.	Wilson and French (1976)
RPC	M	Progesterone	57-83-0		0.03816				3.5	0.54283	Schilling and Liao (1984)
LnCaP cytosol	T	Promegestone	34184-77-5						11	1.04139	Sonnenschein et al. (1989)
MCF-7 cytosol	DHT	Promegestone	34184-77-5		neg.			10	n.a.	n.a.	Schoonen et al. (1995)
HGF	DHT	17α-Propylmesterolone	79243-67-7		0.0105				22.85	1.35902	Breiner et al. (1986)
HGF	DHT	R 2956	42438-88-0		0.0375				13	1.11394	Brown et al. (1981)
HGF	R1881	R 2956	42438-88-0						5.6	0.74818	Brown et al. (1981)
HGF	R1881	R 2956	42438-88-0			0.008			14.8	1.17026	Eil and Edelson (1984)
HGF	T	R 2956	42438-88-0						20	1.30100	Brown et al. (1981)
COS-1 cells +hAR	DHT	RU 56187	143782-25-6		0.035				2.86	0.45637	Kemppainen et al. (1999)
RPC	T	RU 56187	143782-25-6						92	1.96379	Teutsch et al. (1994)
RPC	T	RU 57073							163	2.21219	Teutsch et al. (1994)
RPC	M	RU 59063	155180-53-3		0.0106	0.00223	0.0005		33.8	1.52892	Van Dort et al. (2000)
RPC	T	RU 59063	155180-53-3						300	2.47712	Teutsch et al. (1994)
HGF	DHT	Spironolactone	52-01-7		0.315				0.76	-0.11919	Breiner et al. (1986)
HGF	R1881	Spironolactone	52-01-7			0.00176			67	1.82607	Eil and Edelson (1984)
HGF	DHT	Testolactone	968-94-3		neg.			10	n.a.	n.a.	Breiner et al. (1986)
HGF	R1881	Testolactone	968-94-3			41			0.0029	-2.53760	Eil and Edelson (1984)
COS-1 cells +hAR	DHT	Testosterone	58-22-0		0.22				0.45	-0.34679	Kemppainen et al. (1999)
COS-1 cells +rtARα	M	Testosterone	58-22-0		0.003				26.7	1.42651	Takeo and Yamashita (2000)
COS-1 cytosol +hAR	DHT	Testosterone	58-22-0		0.015				21	1.32222	Tilley et al. (1989)
HGF	DHT	Testosterone	58-22-0		0.0125				19	1.27875	Breiner et al. (1986)
HGF	DHT	Testosterone	58-22-0		0.004				125	2.09691	Brown et al. (1981)
HGF	R1881	Testosterone	58-22-0						47	1.67210	Brown et al. (1981)
HGF	R1881	Testosterone	58-22-0			0.00101			117	2.06814	Eil and Edelson (1984)
HGF	T	Testosterone	58-22-0						100	2.00000	Brown et al. (1981)
LnCaP cytosol	T	Testosterone	58-22-0						100	2.00000	Sonnenschein et al. (1989)
REC	R1881	Testosterone	58-22-0		0.0382	0.191			5.23	-0.71850	Waller et al. (1996)
RECNR	R1881	Testosterone	58-22-0						40	1.60206	Kelce et al. (1994)
rhAR	DHT	Testosterone	58-22-0						31.31	1.49568	Bauer et al. (2000)
RPC	DHT	Testosterone	58-22-0		0.06				27	1.43136	Wilson and French (1976)
RPC	M	Testosterone	58-22-0		0.001478				90	1.95424	Schilling and Liao (1984)
RPC	M	Testosterone	58-22-0		0.00667	0.0014	0.0004		53.7	1.72997	Van Dort et al. (2000)
RPC	T	Testosterone	58-22-0						100	2.00000	Teutsch et al. (1994)
rhAR	DHT	17α-Trenbolone	80657-17-6						4.49	0.65225	Bauer et al. (2000)
rhAR	DHT	17β-Trenbolone	10161-33-8						108.86	2.03687	Bauer et al. (2000)
rhAR	DHT	Trendione	4642-95-9						0.36	-0.44370	Bauer et al. (2000)

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COS-1 cytosol +hAR	DHT	Triamcinolone acetonide	76-25-5		neg.			0.3	n.a.	n.a.	Tilley et al. (1989)
RPC	M	Triamcinolone acetonide	76-25-5		neg.			0.3	n.a.	n.a.	Schilling and Liao (1984)
COS-1 cells +hAR	R1881	Vinclozolin	50471-44-8		0.035				0.035	-1.45593	Wong et al. (1995)
REC	R1881	Vinclozolin	50471-44-8	>99	neg.			200	n.a.	n.a.	Kelce et al. (1994)
REC	R1881	Vinclozolin	50471-44-8	>99	2940	1470			0.000068	-4.16749	Waller et al. (1996)
RECNR	R1881	Vinclozolin	50471-44-8	>99	neg.			200	n.a.	n.a.	Kelce et al. (1994)

* Assays used for testing listed alphabetically

**R1881 = Methyltrienolone, DHT = 5α−Dihydrotestosterone, T=Testosterone, M=Mibolerone

† Empty cells indicate that no CASRN could be found

†† Empty cells indicate that no information was provided in the publication

††† Empty cells in the HDT column indicate that this information was unnecessary since RBA's could be calculated or were provided

COS-1 cells + hAR = COS-1 cells containing human AR

COS-1 cytosol + hAR = Cytosol from COS-1 cells containing hAR

COS-1 cells + rtARα = COS1 cells containing the ARα from rainbow trout

CUC = calf uterine cytosol

HGF = human genital fibroblasts

LnCaP cytosol = cytosol from human supraclavicular lymph node from patient with prostatic adenocarcinoma

REC = rat epididymal cytosol

RECNR = rat epididymal cells, nuclear receptor

RPC = rat prostate cytosol

neg. = No IC_{50} could be determined since displacement of radioligand was less than 50%, or no binding was observed; therefore, a RBA could not be calculated

n.a.= not available