

Reported human oral absorption data, permeability coefficients (P) measured with Fluorosome-trans,^a and P values reported for Caco-2 and PAMPA assays.

#	Drug	% human oral absorption (ref) ^b	Permeability coefficient, cm/sec x 10 ⁷		
			Fluorosome-trans	Caco-2 ^c	PAMPA ^d
1	Caffeine	100 (1)	27.5	308	12.0
2	Diazepam	100 (1)	6.98	710	
3	Indomethacin	100 (1)	65.3	204	3.0
4	Salicylic acid	100 (1)	35.4	220	0.2
5	Verapamil	100 (1)	48.3	694	394
6	Phenobarbital	100 (2)	36.7		
7	Imipramine	100 (1)	57.6	141	140.4
8	Theophylline	100 (1)	32.3		0.4
9	Antipyrine	100 (1)	11.1		
10	Propranolol	99 (1)	22.3	218	143
11	Prednisolone	99 (1)	5.52		
12	Warfarin	98 (1)	23.6	211	15.8
13	Metoprolol	95 (1)	72.4	237	4.1
14	Timolol	95 (1)	31.9	128	6.1
15	Alprenolol	93 (1)	30.8	405	
16	Hydrocortisone	91 (1)	2.84	215	19.4
17	Barbital	90 (3)	-		
18	Sulindac	90 (1)	59.0		
19	Quinine	90 (2)	9.34		
20	Nicotinic acid	88 (1)	13.60		
21	Pindolol	87 (1)	8.81	167	1.2
22	Acetylsalicylic acid	84 (1)	24.2	90.9	1.1
23	Procainamide	83 (2)	6.91		3.1
24	Quinidine	81 (1)	0.45	204	45.6
25	Acebutolol	80 (1)	7.07	5.1	0.3
26	Dexamethasone	80 (1)	-	125	
27	Guanabenz	80 (1)	2.43	209	8.9
28	Carbamazepine	70 (2)	0.45	228	64
29	Ciprofloxacin	69 (1)	2.95		
30	Dipyridamole	66 (4)	0.70		
31	Enalapril	66 (1)	1.58	23.1	5.2
32	Ranitidine	64 (1)	3.17	4.9	0.1
33	Terbutaline	62 (1)	0.75	4.7	5.0
34	Ampicillin	62 (1)	7.94	2.27	
35	Furosemide	61 (1)	0.07	6.1	0.1
36	Sulfasalazine	59 (1)	0.37	3.0	2.3
37	Nadolol	57 (1)	0.54	38.8	2.8
38	Amiloride	50 (1)	0.17		2.7
39	Atenolol	50 (1)	0.16	5.3	0.6
40	Etoposide	50 (1)	1.0		
41	Sulpiride	44 (1)	-		0.3
42	Ribavirin	33 (1)	0.35		
43	Acyclovir	23 (1)	0.10	2.5	0.4
44	Oxybutynin	6 (2)	0.36		
45	Cidofovir	3 (1)	0.025		
46	Ceftriaxone	1 (1)	0.0014		1.7
47	Streptomycin	1 (1)	0.003		
48	Gentamycin	0 (1)	0.0029		

^a At 25 °C. ^b (1) Zhao *et al.*, J. Pharm. Sci. 90:749-784, 2001. (2) Veber *et al.*, J. Med. Chem. 45:2615-2623, 2002. (3) AHFS Drug Information, American Society of Health System Pharmacists, Bethesda, MD, pp. 2102-2106, 2003. (4) Drug Information for the Health Care Professional, 23 Ed., Micromedex, Greenwood Village, CO, pp. 1103-1104, 2003. ^c Yazdanian *et al.*, Pharm. Res. 15:1490-1494, 1998. Artursson and Karlsson, Biochem. Biophys. Res. Commun. 175:880-885, 1991. Mandagere *et al.*, J. Med. Chem. 45:304-311, 2002. Yee S. Pharm. Res. 14:763-766, 1997. Walter *et al.*, J. Pharm. Sci. 85:1070-1076, 1996. Zhu *et al.*, Eur. J. Med. Chem. 37:399-407, 2002. ^d www.pion-inc.com and Sugano *et al.*, J. Biomol. Screen. 6:189-196, 2001.

