

Table 4. κ opiate receptor residues forming the salvinorin-binding site (excluding those listed in Table 1)

Receptor segment	6 residue	Corresponding *, :	Salvinorin fragment
TM2	M112	L, L	Furan oxygen
TM2	Y119	Y, Y	2-acetoxy
TM3	C131	C, C	2-acetoxy
TM3	K132	K, K	2-acetoxy
TM3	I135	I, I	C-ring
TM3	D138	D, D	Furan oxygen
E2	V205	-, -	4-methoxycarbonyl
E2	V207	A, S	A-ring
E2	E209	V, D	2-acetoxy
E2	C210	C, C	2-acetoxy
TM5	E223	D, E	4-methoxycarbonyl
TM5	L224	T, N	B-ring
TM5	K227	K, K	B-ring
TM6	T302	I, I	4-methoxycarbonyl
TM7	A308	V, Q	A-ring
TM7	L309	V, T	A-ring
TM7	I316	I, I	A-ring
TM7	Y320	Y, Y	Furan oxygen