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Supplementary data #1

Table: Molecular structures formula, dissociation constant and partition coefficients of TCAs drugs studied.

Analyte(s)	Structure	Molecular formula	pK_a	Log P
Imipramine (IMI)	N N N N N N N N N N N N N N N N N N N	$C_{19}H_{24}N_2$	9.53 ^a	4.5 ^a
Amitriptyline (AMI)	N N	$C_{20}H_{23}N$	9.42 ^a	4.9ª
Chlorpromazine (CHLO)	N CI	C ₁₇ H ₁₉ CIN ₂ S	9.20 ^a	5.2ª

^a http://www drugbank.ca (accessed on 12 March 2014).