

TABLE 15.3 Pharmacokinetic Parameters of Nonbenzodiazepines Approved for Sedative-Hypnotic Use.

Drugs	Trade name	Log P ^a	Time to peak conc. (hrs)	Parent elimination half-life (mean hrs)	Major metabolites (t _{1/2} , hrs)	Predominant CYP isoform(s)
Zolpidem	Ambien	2.31	Immediate-release 1.6 ^a /1.6 ^b Control-release 1.5 ^c Oral spray 0.25	Immediate-release 2.5 ^a /2.6 ^b Control-release 2.6 ^c	None active	3A4 (major) 2C9, 1A2, and 2D6 (minor)
Eszopiclone	Lunesta	−0.34	1	6.5	<i>N</i> -oxide (inactive) <i>N</i> -desmethyl (active, lower affinity)	1A2, 3A4
Zaleplon	Sonata	1.23	1	1	None active	3A4 (minor)

^a 5 mg tablets.
^b 10 mg tablets.
^c 12.5 mg tablets.

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