TABLE 15.2 Pharmacokinetic Parameters of Benzodiazepines Approved for Sedative-Hypnotic Use

Drugs	Trade name	Log P[a]	Time to peak conc. (hrs)	Parent elimination half-life (hrs)	Major metabolites (t1/2, hrs)	Predominant CYP isoform(s)
Flurazepam	Dalmane	2.35	0.5–1.0	2 ca.	*N*1-desalkyl (47–100, active) *N*1-hydroxyethyl (2-4, active)	3A4
Quazepam	Doral	4.03	2 ca.	39	2-Oxo (40, active) N-desalkyl (73, active)	3A4/2C9
Estazolam	Prosom	3.51	0.5–6.0	10–24	4'-Hydroxy; 4-Hydroxy; 1-Oxo (all inactive)	3A4
Triazolam	Halcion	2.42	<2	1.5–5.5	α-Hydroxy (50-100% active) 4-Hydroxy (inactive)	3A4
Temazepam	Restoril	2.19	1.2–1.6	0.4–0.6	O-glucuronide	--

[a] From Sangster Research Laboratories LOGKOW database