

**Table 6**

Summary of metabolism of BPS and BPS derivatives in hepatocytes.

–	BPS	BPS	BPS	2,4-BPS	2,4-BPS	2,4-BPS	BPS-MAE	BPS-MAE	BPS-MAE	BPS-MPE	BPS-MPE	BPS-MPE	D8	D8	D8	D90	D90	D90	TGSA	TGSA	TGSA
Metabolite	R	M	H	R	M	H	R	M	H	R	M	H	R	M	H	R	M	H	R	M	H
Parent	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Parent-OH	✓	✓	✓	✓	✓	✓	2	2	–	✓	–	✓	2	2	✓	–	–	–	–	–	–
Parent-Glucuronide	✓	–	✓	✓	–	✓	✓	✓	✓	✓	2	2	✓	2	2	–	–	–	✓	✓	✓
Parent-Sulfate	✓	–	✓	✓	–	–	✓	2	2	✓	✓	2	2	2	2	✓	✓	✓	✓	✓	✓
Parent-OH-Sulfate	✓	–	–	✓	–	–	2	2	✓	✓	<i>M</i>	<i>M</i>	✓	2	✓	–	–	–	–	–	–
Parent-Glucuronide-Sulfate	–	–	–	–	–	–	✓	✓	–	–	–	–	–	–	–	–	–	–	–	–	–
Additional Metabolites	–	–	–	–	–	–	2	2	1	2	2	1	–	–	–	2	2	1	–	–	–

Key: R = Rat, M = Mouse, H=Human, Numbers refer to the number of peaks, or in the case of additional metabolites, the number of unknowns. *M* = Multiple unresolved peaks.

BPS, bisphenol S; 2,4-BPS, 2,4-bisphenol S; BPS-MAE, Bis(4-hydroxyphenyl)sulfonylphenyl;D8, 4-Hydroxy-4'-isopropoxydiphenylsulfone;TGSA, 4,4'Sulfonylbis[2-(2-propenyl)]phenol; BPS-MPE, 4-Benzyloxyphenyl-4-hydroxyphenyl sulfone; D90, Bis(2-chloroethyl)ether-4,4"-dihydroxydiphenyl sulfone copolymer.