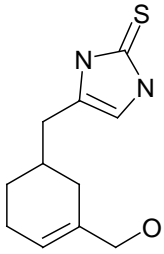
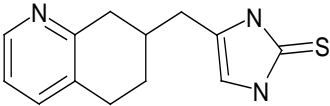
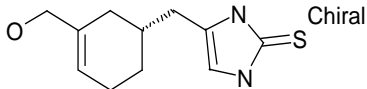
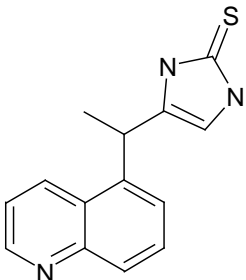
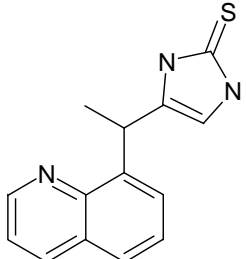
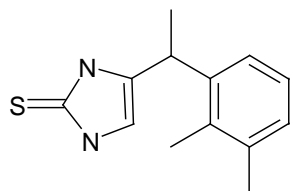


Table 2. S-oxygenation of thiones by human and mouse FMOs.

Compound	hFMO1			mFMO1			hFMO3
	K_m (μM)	k_{cat} (min^{-1})	k_{cat}/K_m	K_m (μM)	k_{cat} (min^{-1})	k_{cat}/K_m	K_m
 AGN12	139	49	0.35	159	47	0.35	ND
 AGN13	40	40	1.00	40	48	1.20	ND
 AGN14	161	40	0.24	ND	23 @ 200 μM	--	ND
 AGN15	111	33	0.30	ND	28 @ 200 μM	--	ND
 AGN-16	7	38	5.43	ND	34 @ 200 μM	--	ND



AGN-17

31

41

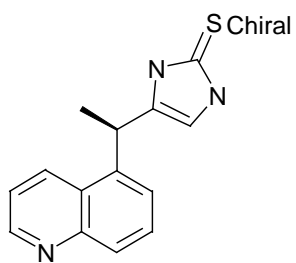
1.32

ND

40 @
200
μM

--

ND



AGN18

60

30

0.50

ND

27 @
200
μM

--

ND
