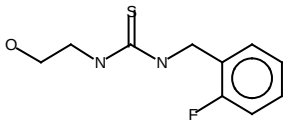
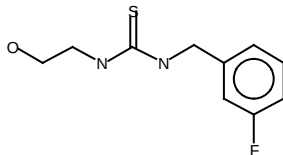
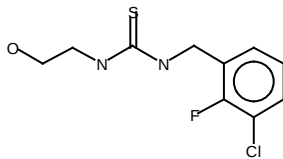
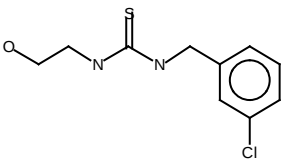
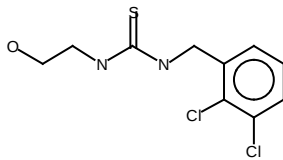
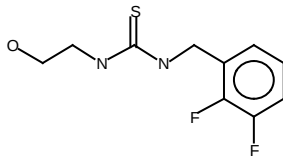
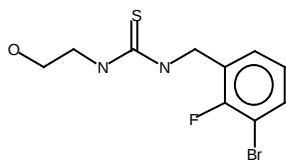


Table 1. S-Oxygenation by hFMO2 of thioureas with varying *o*- and *m*-halogen substituents.

Compound	K_m (μM)	K_{cat} (min^{-1})	k_{cat}/K_m
 AGN1	55	36	0.65
 AGN2	74	42	0.57
 AGN3	29	23	0.79
 AGN4	31	35	1.13
 AGN5	165	38	0.23
 AGN6	51	34	0.67

AGN6

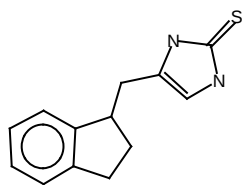


51

33

0.65

AGN7

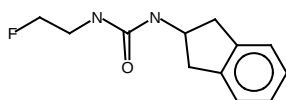


36

25
A thione
derivative

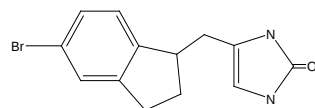
0.69

AGN8



AGN9

No Activity – urea derivative



AGN10

No activity – imidazolone derivative