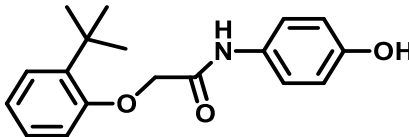
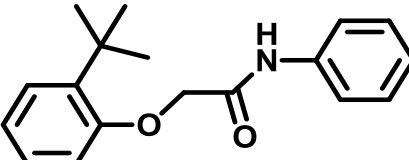
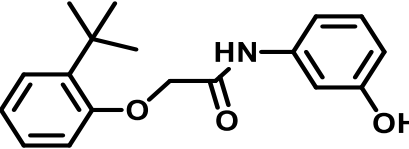
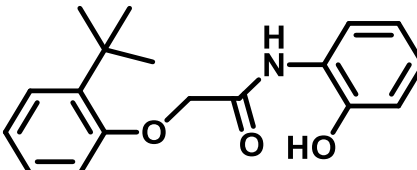
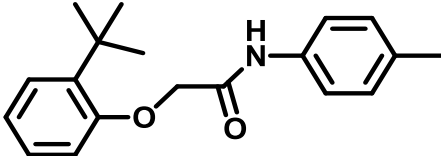
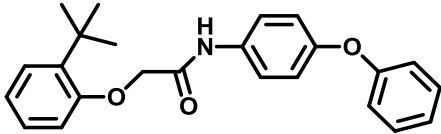
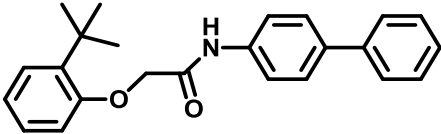
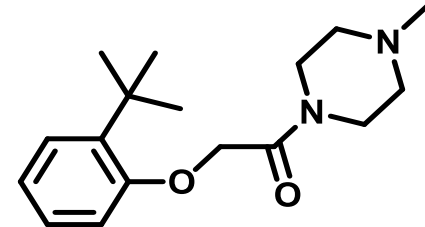
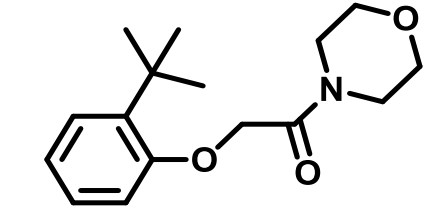
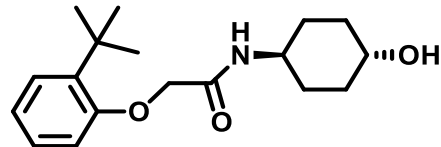
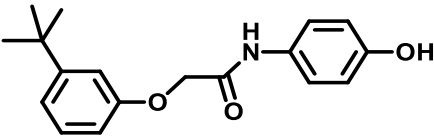
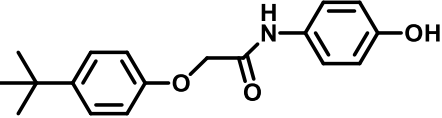
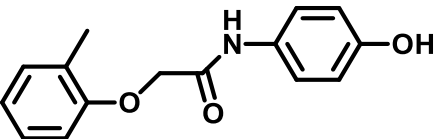
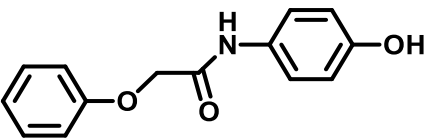
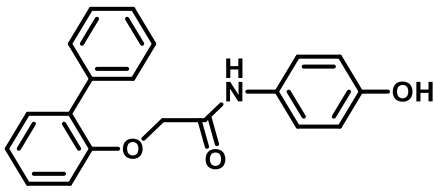
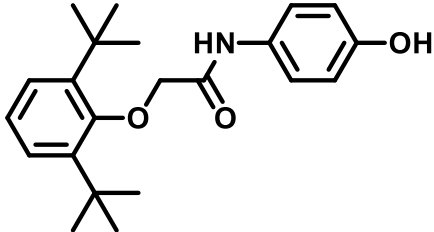


Supplementary information, Table S2. Activity of SAR variants of the NAT. NAMPT activation is expressed by the relative AUC (Area Under Curve) of the five-point dose-response curve (as in Fig. 3b) of each test compound compared to that of NAT-treated control. Cell protection is expressed by the relative AUC of the five-point dose-response curve (as in Fig. 3c) of each test compound compared to that of NAT-treated control, when the cells were challenging with a NAMPT inhibitor, FK866 (10 nM).

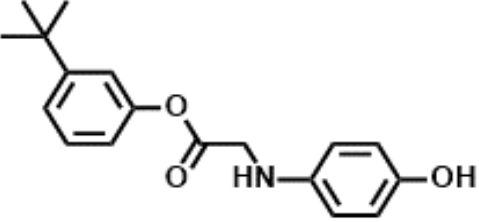
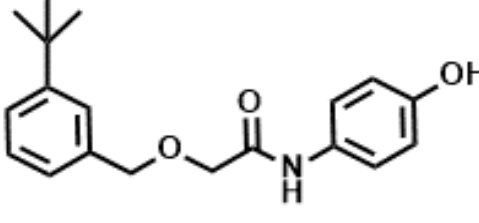
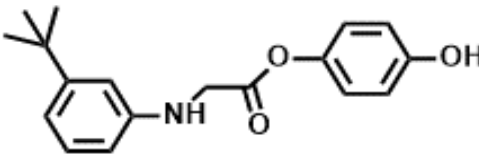
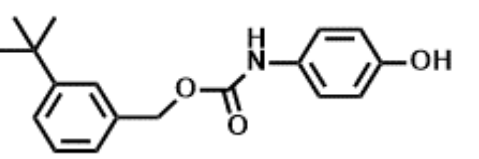
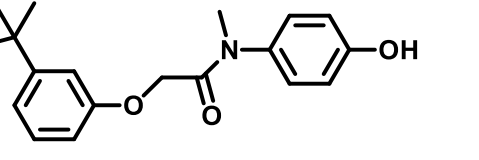
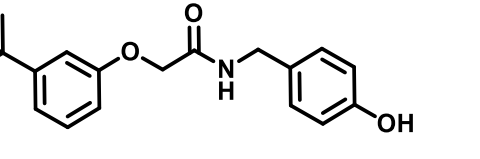
Compound ID	structure	Relative cell protection	Relative NAMPT activation
NAT		1.0000	1.0000
1a		-0.2247	0.0245
1b		-0.1895	-0.1032
1c		-0.1833	-0.1720

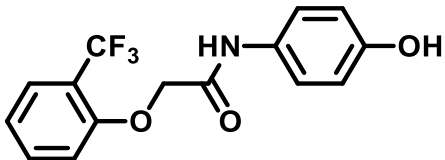
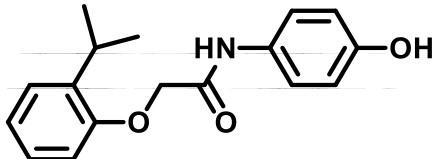
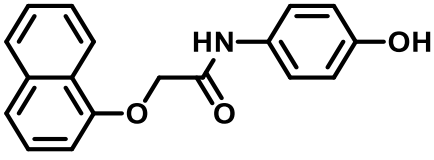
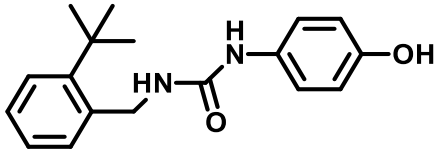
1d		-0.1680	-0.1713
1e		-0.1512	-0.2410
1f		-0.3625	-0.0697
1g		-0.1777	-0.2468
1h		-0.1983	-0.3405
1i		-0.2123	-0.0828

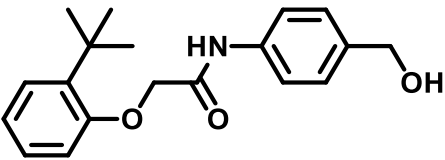
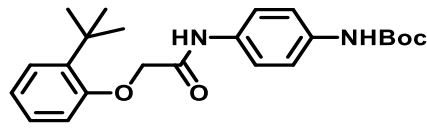
1j		-0.1608	-0.0679
1k		-0.1409	-0.0906
1l		-0.0947	-0.2237
1m		-0.1121	-0.1873
1n		-0.1881	-0.1165
1o		-0.1356	0.0986

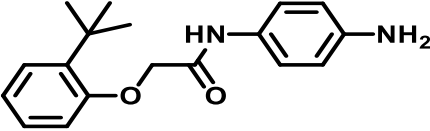
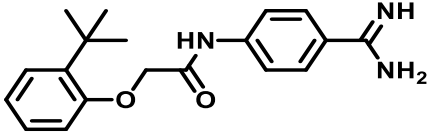
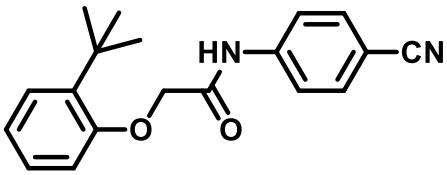
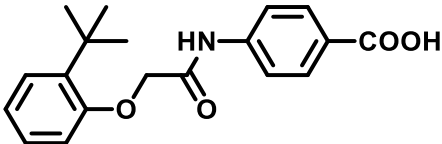
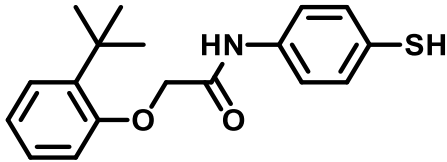
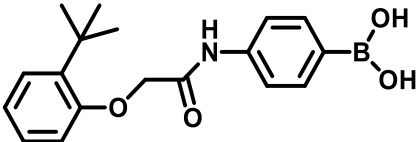
1p		0.2733	0.2653
1q		-0.1236	0.0199
1r		0.3550	0.4402
1s		0.0971	0.1684
1t		0.3354	0.4572
1u		-0.1420	0.0479

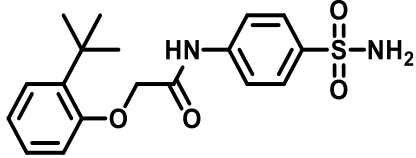
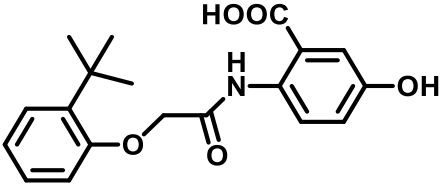
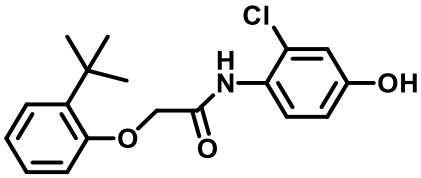
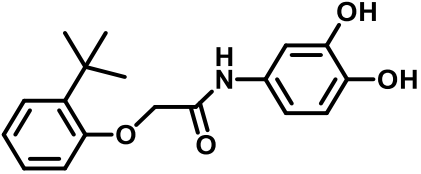
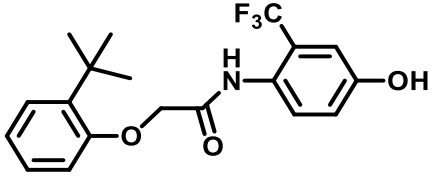
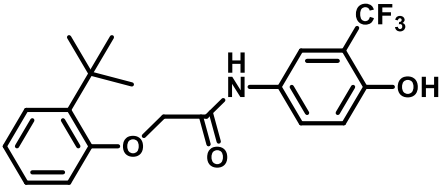
2a		0.1507	0.0952
2b		-0.1622	0.1350
2c		-0.1229	-0.0781
2d		0.3308	0.0865
2e		-0.1137	0.0121
2f		0.0368	0.1360

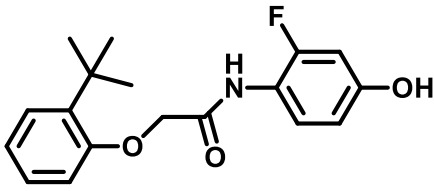
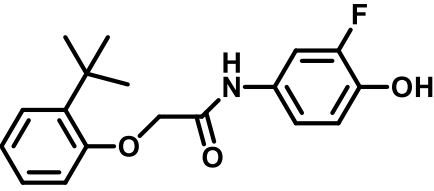
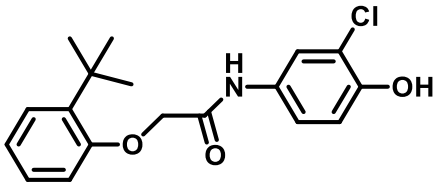
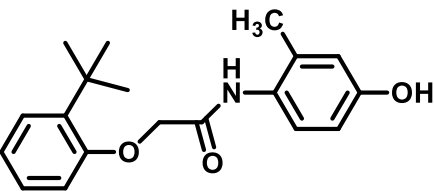
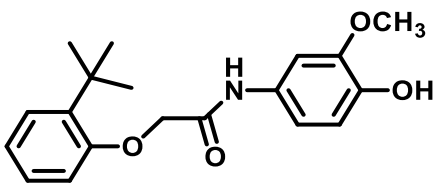
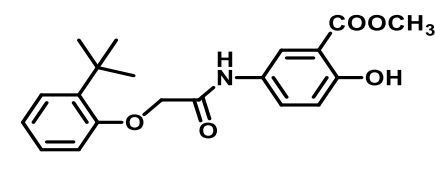
2g		0.2731	0.3269
2h		0.0704	0.1442
2i		-0.1358	0.1584
2j		-0.1903	-0.0226
2k		-0.2575	0.2181
2l		-0.2162	0.1187

3a		0.2389	0.2337
3b		1.3504	0.5447
3c		1.1071	0.5572
3d		-0.2226	-0.0021

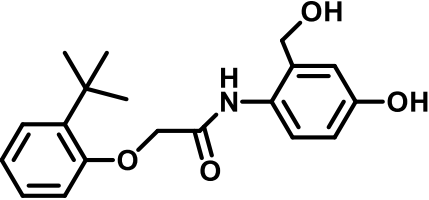
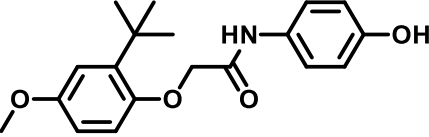
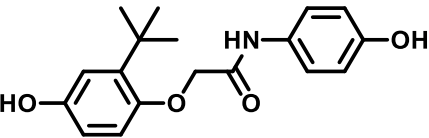
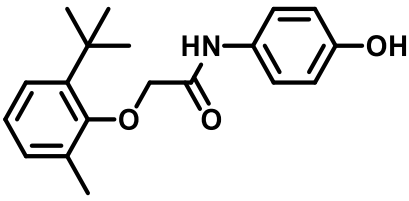
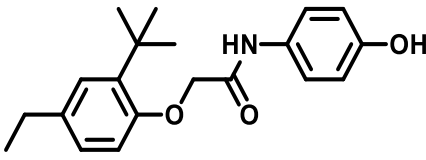
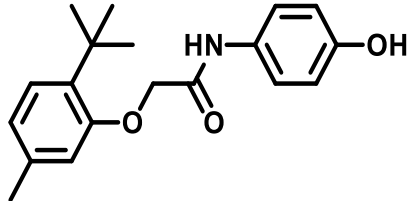
3g		-0.2198	-0.0697
3h		-0.1978	-0.0900

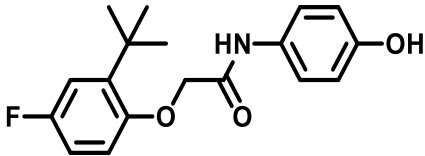
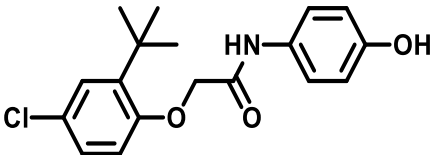
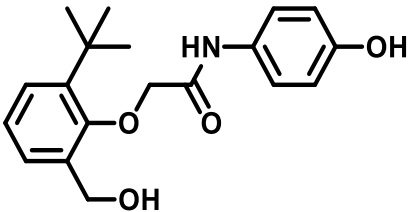
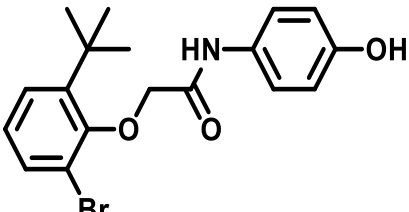
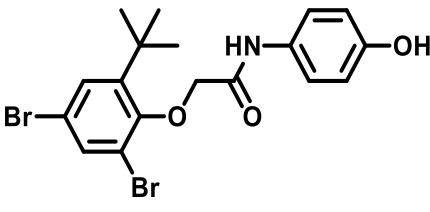
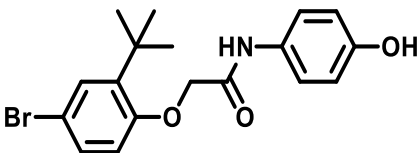
3i		0.8075	-0.0536
3j		-0.1684	-0.0343
3k		-0.2396	-0.0243
3l		-0.1619	-0.0221
3m-1		-0.0960	-0.0072
3n		0.1217	-0.0126

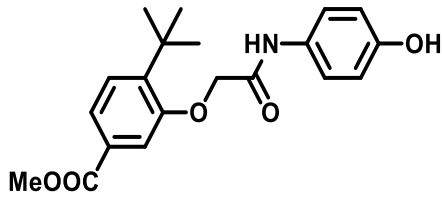
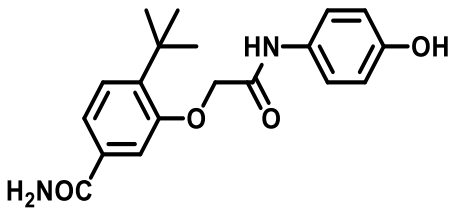
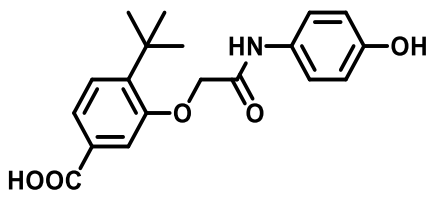
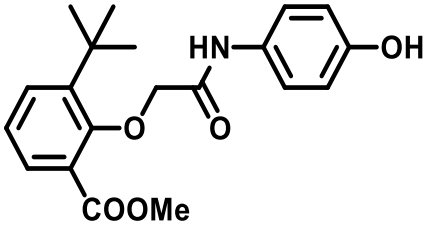
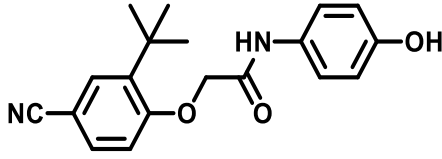
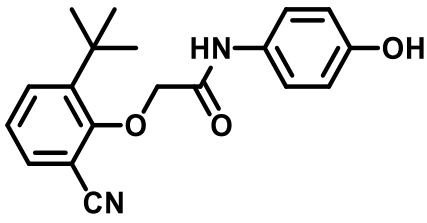
3o		-0.2346	-0.0055
4a		-0.0889	-0.5239
4c		0.2583	0.0692
4d		-0.1366	-0.0880
4e		-0.1200	-0.1996
4f		-0.1435	-0.2612

4g		0.0390	0.1859
4h		0.1348	0.9588
4i		-0.1833	-0.1540
4j		-0.1680	-0.1826
4k		-0.1512	-0.1872
4l		-0.3625	-0.4518

4m		-0.1777	-0.2583
4n		-0.1983	-0.2164
4o		-0.1608	-0.0776
4p		-0.0947	-0.0320
4p-1		0.1357	0.3623
4q		-0.1881	-0.1137

4r		-0.1356	-0.0225
5a		1.3820	1.4016
5b		1.4884	1.3582
5c		0.3270	0.5710
5d		0.0876	0.8554
5e		0.1726	0.6623

5f		0.5128	0.9846
5g		0.3183	1.0993
5h		0.5159	0.8071
5j		0.1681	0.5085
5k		0.0246	-0.0824
5l		0.4032	1.2849

5m		0.5465	0.7359
5n		2.0410	1.0654
5o		-0.0799	0.2131
5p		0.0029	0.1431
5q		1.2627	1.5688
5r		2.4255	2.1979