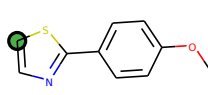


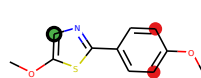
## 9 Thiazoles



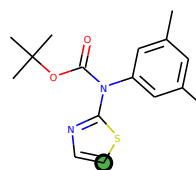
**18** [395]  
97% (NBS)



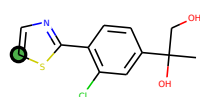
**19** [333]  
94% (NBS)



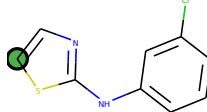
**20** [398]  
80% (NBS)



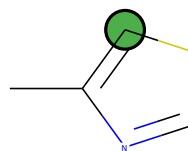
**59** [372]  
90% (NBS)



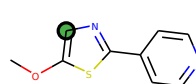
**60** [399]  
100% (NBS)



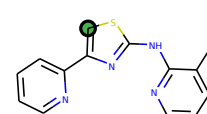
**61** [177]  
65% (NBS)



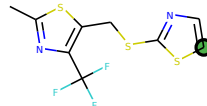
**62** [110]  
37% (Br<sub>2</sub>, AcOH)



**64** [454]  
96% (NBS)



**66** [211]  
85% (NBS), 93% (NCS)



**67** [149]  
96% (NBS), 63% (NIS), 73% (HNO<sub>3</sub>)