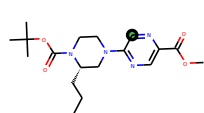
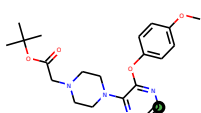


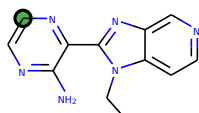
## 18 Pyrazines



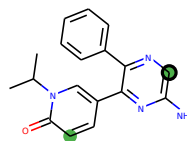
**30** [253]  
98% (NBS)



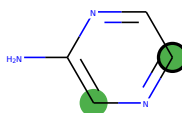
**31** [129]  
70% (NBS)



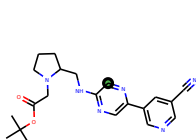
**49** [21]  
79% (NBS), 78% (NBS)



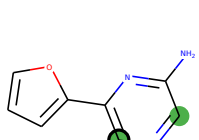
**107** [439]  
79% (NBS)



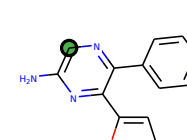
**108** [275]  
82% (NBS), 5-Br 62% +  
3,5-diBr 12% (NBS), 72%  
(NBS), 90% (NBS); 83%  
(NBS), 77% (NBS)



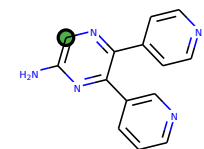
**109** [129]  
66% (NBS)



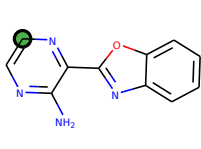
**131** [410]  
44% (NBS)



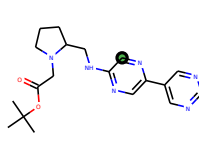
**132** [411]  
75% (NBS), 75% (NBS)



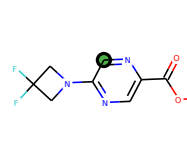
**133** [412]  
30% (NBS)



**134** [50]  
62% (NBS)



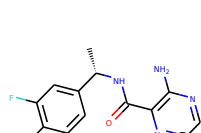
**135** [129]  
77% (NBS)



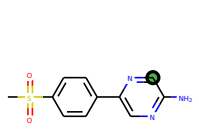
**192** [68]  
77% (NBS)



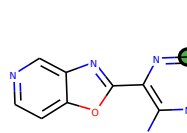
**193** [267]  
88% (NIS), 88% (NIS), 96%  
(NBS), 70% (Br<sub>2</sub>), 72%  
(NCS)



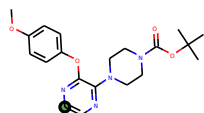
**194** [33]  
84% (NBS)



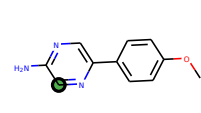
**196** [104]  
84% (NBS), 65% (NIS)



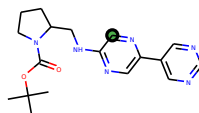
**198** [15]  
95% (NBS)



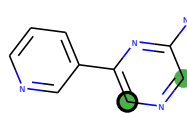
**199** [128]  
70% (NBS)



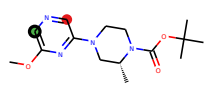
**200** [184]  
70% (Br<sub>2</sub>)



**201** [128]  
77% (NBS)

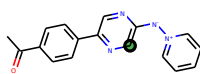


**202** [161]  
72% (NBS)



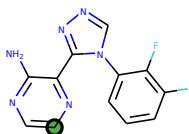
**203** [136]

26%/26% (NBS) two mono-  
Br



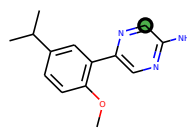
**205** [10]

84% (NBS)



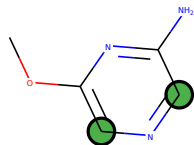
**206** [34]

78% (NBS)



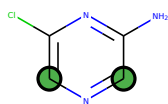
**207** [20]

74% (NBS)



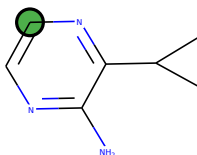
**211** [52]

45% (3-Br), 16% (5-Br), 10%  
(3+5-Br<sub>2</sub>)



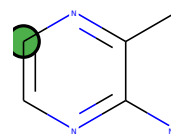
**212** [166]

15% (3-Br), 43% (5-Br), 88%  
(NIS), 2xBr 95% (NBS)



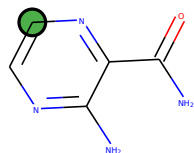
**284** [188]

64% (NBS)



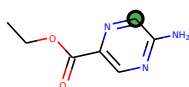
**285** [429]

80% (NCS)



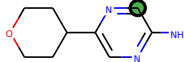
**286** [438]

95% (Br<sub>2</sub>)



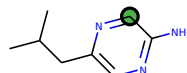
**289** [210]

78% (NBS)



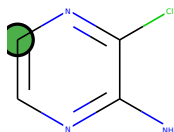
**290** [40]

97% (NBS)



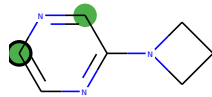
**291** [314]

77% (Br<sub>2</sub>)



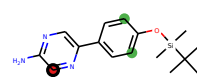
**292** [186]

76% (NIS), 71% (NIS)



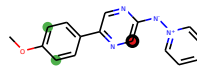
**293** [232]

73% (NBS)



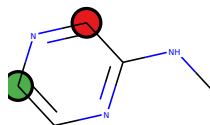
**195** [218]

81% (NBS)



**209** [10]

86% (NBS)



**283** [165]

65% (NIS)