Operation 9: Furan exchange [c&r5:1][s&r5][c&r5:2]>>[c&r5:1][o&r5][c&r5:2]

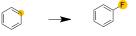
Operation 8: Heteronitrogen substitution

[cH:1]>>[n:1]

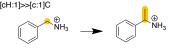
Operation 10: Pyrrole exchange [s&r5:1]>>[nH:1]



Operation 11: Fluorination [cH&r6:1]>>[c:1][F]



Operation 12: Side chain on backbone



Operation 13: Side chain on linker |#6,#7:1]|CH2:2]|#6,#7:3]>>|#6,#7:1]|CH:2](C)|#6,#7:3|