



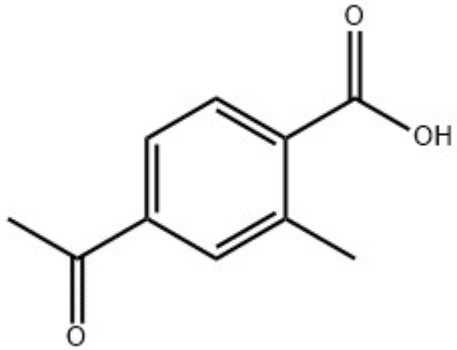
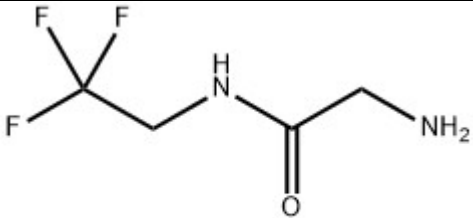
Envisioning tomorrow with science

Intermediates for

| Description | IUPAC name | CAS No. | Structure |
|-----------------------|---|-------------|-----------|
| Posaconazole - | 1-((2S,3S)-2-(Benzyloxy)pentan-3-yl)-4-(4-(4-(4-hydroxyphenyl)piperazin-1-yl)phenyl)-1H-1,2,4-triazol-5(4H)-one | 184177-83-1 | |
| Posaconazole - | ((3S,5R)-5-((1H-1,2,4-Triazol-1-yl)methyl)-5-(2,4-difluorophenyl)tetrahydrofuran-3-yl)methyl 4-methylbenzenesulfonate | 149809-43-8 | |

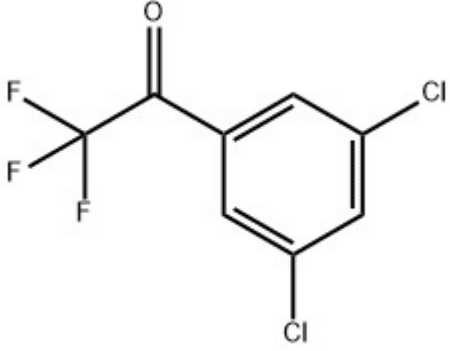
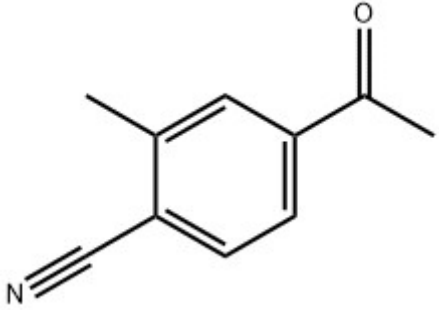


Envisioning tomorrow with science

| | | | |
|---------------------|---|--------------|--|
| Fluralaner – | (4-Acetyl-2-methylbenzoic acid | 55860-35-0 |  |
| Fluralaner – | 2-Amino-N-(2,2,2-trifluoroethyl)acetamide hydrochloride | 1171331-39-7 |  HCl |

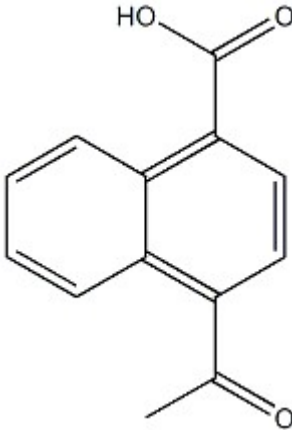
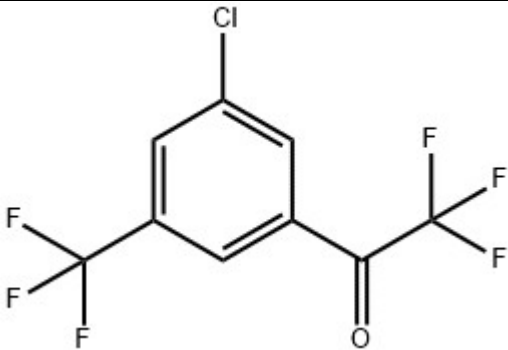


Envisioning tomorrow with science

| | | | |
|---------------------|--|--------------|--|
| Fluralaner – | 3',5'-Dichloro-2,2,2-trifluoroacetophenone | 130336-16-2 |  |
| Fluralaner – | 4-Acetyl-2-methylbenzonitrile | 1138444-80-0 |  |



Envisioning tomorrow with science

| | | | |
|---------------------|--|--------------|--|
| Afoxolaner - | 4-acetyl-1-naphthoic acid | 131986-05-5 |  |
| Afoxolaner - | 1-[3-Chloro-5-trifluoromethylphenyl]-2,2,2-trifluoroethanone | 1125812-58-9 |  |