

PHILIP MORRIS RESEARCH CENTER

New ☒ Known ☐

CR - 1405

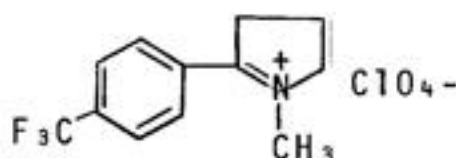
Emp. Formula C₁₂H₁₃NF₃ClO₄

Mol. Weight 327.73

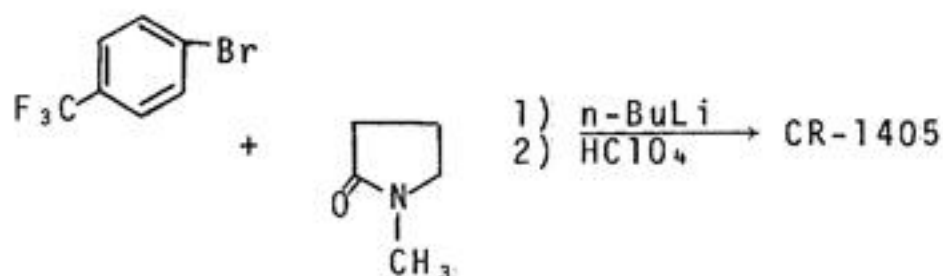
Lit. Ref. _____

Name 1-Methyl-2-(4-trifluoromethylphenyl)-Δ'-pyrrolinium perchlorate

STRUCTURE:



METHOD OF PREP:



NB# 6581 Pg # 63

Sample # 6581-63A

MP 147°-48°C BP _____

Solubility: DMSO

To be tested for (amounts supplied):

| | Number | Date | Solvent |
|-----|--------|---------|---------------------|
| IR | 26082 | 4/25/75 | NM |
| UV | | | |
| NMR | 3493 | 4/22/75 | DMSO-d ₆ |
| MS | | | |

General Screen (1 gram)

Derivatives:

Anal. # S-5826 From Galbraith

Date 5/5/75

Recrystallization, GC, TLC Data: _____

Recrystallized from MeOH

| | Calcd. | Found |
|-------|--------------|--------------|
| C | 43.98 | 43.97 |
| H | 3.99 | 3.86 |
| N | 4.28 | 4.26 |
| F, Cl | 17.39, 10.84 | 17.54, 11.01 |

Comments:

Date 5/6/75

Submitter Dwendelyn L. Atkins

Project # 2500

Approved Edward B. Lander

2022952764