

## Acifluorfen-methyl

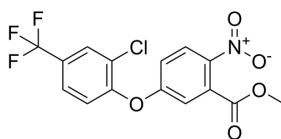
Cat. No.: HY-147365  
CAS No.: 50594-67-7  
Batch No.: 270346  
Chemical Name: Benzoic acid, 5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitro-, methyl ester

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>15</sub>H<sub>9</sub>ClF<sub>3</sub>NO<sub>5</sub>  
Molecular Weight: 375.68  
Storage: 

|            |       |          |
|------------|-------|----------|
| Pure form  | -20°C | 3 years  |
|            | 4°C   | 2 years  |
| In solvent | -80°C | 6 months |
|            | -20°C | 1 month  |

Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid-Liquid Mixture)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 99.87%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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