

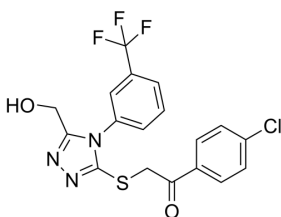
## Phytoene desaturase-IN-1

Cat. No.: HY-151095  
CAS No.: 2765793-54-0  
Batch No.: 317305  
Chemical Name: Ethanone, 1-(4-chlorophenyl)-2-[[5-(hydroxymethyl)-4-[3-(trifluoromethyl)phenyl]-4H-1,2,4-triazol-3-yl]thio]-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>18</sub>H<sub>13</sub>ClF<sub>3</sub>N<sub>3</sub>O<sub>2</sub>S  
Molecular Weight: 427.83  
Storage: Powder      -20°C    3 years  
                                  4°C      2 years  
                                  In solvent    -80°C    6 months  
  -20°C    1 month

### Chemical Structure:



### ANALYTICAL DATA

Appearance: Off-white to light yellow (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 99.59%  
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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