

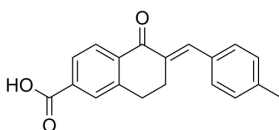
## Firefly luciferase-IN-1

Cat. No.: HY-155945  
CAS No.: 2765796-41-4  
Batch No.: 323812  
Chemical Name: 2-Naphthalenecarboxylic acid, 5,6,7,8-tetrahydro-6-[(4-methylphenyl)methylene]-5-oxo-, (6E)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>19</sub>H<sub>16</sub>O<sub>3</sub>  
Molecular Weight: 292.33  
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: Light yellow to yellow (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 98.70%  
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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