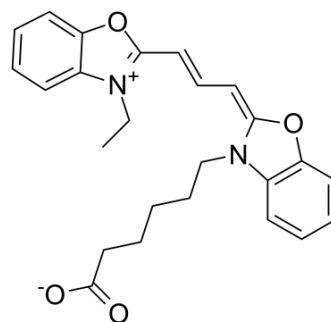


## Cy2

**Cat. No.:** HY-D0827  
**CAS No.:** 260430-02-2  
**Molecular Formula:** C<sub>25</sub>H<sub>26</sub>N<sub>2</sub>O<sub>4</sub>  
**Molecular Weight:** 418.49  
**Target:** Others  
**Pathway:** Others  
**Storage:** -20°C, protect from light  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : ≥ 30 mg/mL (71.69 mM)  
 \* "≥" means soluble, but saturation unknown.

| Preparing Stock Solutions | Solvent Concentration | Mass | 1 mg      | 5 mg       | 10 mg      |
|---------------------------|-----------------------|------|-----------|------------|------------|
|                           |                       |      |           |            |            |
|                           | 1 mM                  |      | 2.3895 mL | 11.9477 mL | 23.8954 mL |
|                           | 5 mM                  |      | 0.4779 mL | 2.3895 mL  | 4.7791 mL  |
|                           | 10 mM                 |      | 0.2390 mL | 1.1948 mL  | 2.3895 mL  |

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

CY2 Non-Sulfonated (Cyanine2) is a dye for the labeling of amino-groups in peptides, proteins, and oligonucleotides.

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