

---

## Product Data Sheet

---

Product Name: 6-CFDA N-succinimidyl ester

Cat. No.: GC19746

### Chemical Properties

Cas. No. 150206-15-8

SMILES CC(=O)Oc5cc6Oc1cc(ccc1C3(OC(=O)c2ccc(cc23)C(=O)ON4C(=O)CCC4=O)c6cc5)OC(C)=O

Formula C<sub>29</sub>H<sub>19</sub>NO<sub>11</sub>

M.Wt

557.47

Solubility

Storage

General For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the tips ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT , or Condition blue ice upon request.

Structure

### Background

The succinimidyl ester group is capable of spontaneously and irreversibly binding to free amines. Utilized in flow cytometry experiments for tracking cell division in both mammalian cells and bacteria. Used in combination with several cell permeabilizers as an effective, nondestructive fluorescent stain to quickly detect bacterial cells.

Stich S, et al. Regenerative and immunogenic characteristics of cultured nucleus pulposus cells from human cervical intervertebral discs. PLoS One. 2015 May 19;10(5):e0126954.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA