

Product Name : 6-CFDA N-succinimidyl ester

Synonyms : —

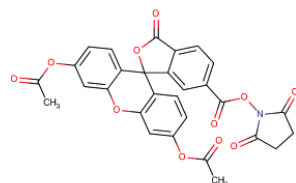
Cat No. : M17327

CAS Number : 150206-15-8

Molecular Formula : C₂₉H₁₉NO₁₁

Formula Weight : 557.47

Chemical Name : —



Description : 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.

Pathway : MAPK/ERK Signaling

Target : JNK

Receptor : Others

Solubility : —

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

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. 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.