

Product Data Sheet



6-JOE SE

Catalog ID: 131001

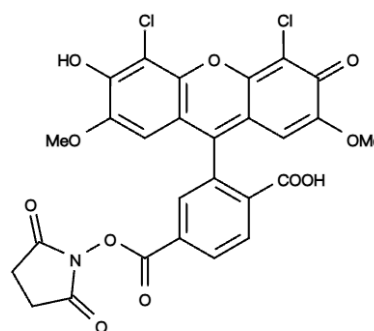
Revised: 2025-01-31

Description

6-JOE exhibits absorption and emission spectra similar to those of rhodamine 6G. Its succinimidyl ester (SE) derivative is primarily utilized in automated DNA sequencing and is also commonly employed for labeling nucleotides, making it a valuable tool in molecular biology and fluorescence-based applications.

Chemical Properties

| | |
|--|---------------------------|
| CAS number | 113394-23-3 |
| Formula | $C_{27}H_{17}Cl_2NO_{11}$ |
| Molecular Weight | 602.33 |
| HPLC Purity | ≥95% |
| λ_{abs} (nm) | 520 |
| ϵ_{max} ($M^{-1} cm^{-1}$) | 7.5×10^4 |
| λ_{fl} (nm) | 545 |
| $CF_{260} = \epsilon_{260}/\epsilon_{max}$ | NA |
| $CF_{280} = \epsilon_{280}/\epsilon_{max}$ | NA |



Storage

Upon receipt, store at -20°C in the dark. Protect from light and moisture. When stored as indicated, 6-JOE SE is stable for at least 1 year.

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Shenzhen U-genes Biotechnology Co., Ltd.

Suite 201, Building 3, No.2 Baolong 4th Road, Shenzhen, China, 518116

Email: contact@u-genes.com Tel.: +86 755 84644912

www.u-genes.com