

Product Data Sheet



6-CR6G SE

Catalog ID: 140201-6

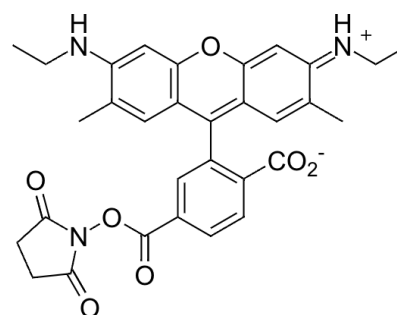
Revised: 2025-01-31

Description

6-CR6G SE is the amine-reactive derivative of 6-CR6G. It is particularly favored in complex biological applications where reproducibility is more critical than material cost, as the minor positional difference between 5-CR6G and 6-CR6G can significantly impact the biological properties of the resulting conjugates.

Chemical Properties

CAS number	NA
Formula	$C_{31}H_{29}N_3O_7$
Molecular Weight	555.59
HPLC Purity	≥95%
λ_{abs} (nm)	522
ϵ_{max} ($M^{-1} cm^{-1}$)	9.4×10^4
λ_{fl} (nm)	546
$CF_{260} = \epsilon_{260} / \epsilon_{max}$	0.24
$CF_{280} = \epsilon_{280} / \epsilon_{max}$	0.214



Storage

Upon receipt, store at $-20^\circ C$ in the dark. Protect from light and moisture. When stored as indicated, 6-CR6G 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