

Product Data Sheet

Product Name: ROX NHS ester, 6- isomer

Cat. No.: GC59124

Chemical Properties

Cas. No. 117491-83-5; 1890922-83-4; 216699-36-4

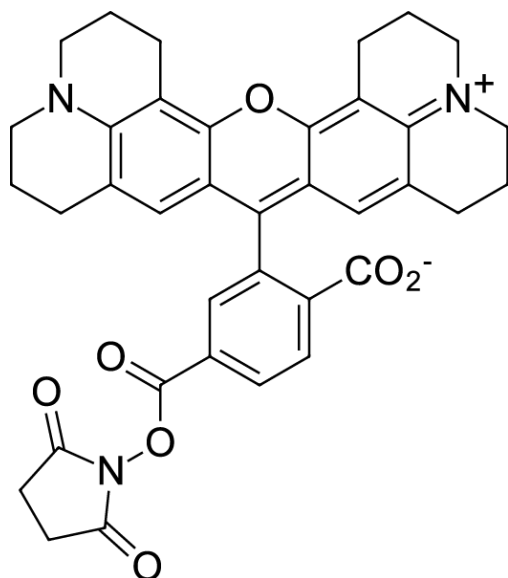
Formula $C_{37}H_{33}N_3O_7$ M.Wt 631.67

Solubility good in polar organic solvents (DMF, DMSO), low in water
Storage: 12 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Avoid prolonged exposure to light. Desiccate.

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

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

Structure



Background

ROX (rhodamine X aka R101) is a highly fluorescent, and photostable rhodamine dye for various applications. ROX labeled oligonucleotide probes are often used in qPCR, and qPCR instruments.

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

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have ROX channel.

This is reactive dye for the labeling of amino-groups in peptides, proteins, and amino-oligonucleotides. Pure single isomer.

This dye can replace Alexa Fluor 568, Texas Red.

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