

**Lumiprobe Corp.**  
1835 E. Hallandale Beach Blvd., #221  
Hallandale Beach, FL 33009  
USA  
Tel +1 888 973 6353  
Fax +1 888 973 6354  
[www.lumiprobe.com](http://www.lumiprobe.com)  
[order@lumiprobe.com](mailto:order@lumiprobe.com)



---

## Material Safety Data Sheet

### Product Identification

Product Name: x2020 Cy3 NHS ester  
Unit Size: 1-100 mg

### Composition / Information on Ingredients

Molecular Formula:  $C_{45}H_{50}ClN_3O_4$   
Molecular Weight: 732.35  
CAS Number / Name 2-((1E,3E)-3-(3-butyl-1,1-dimethyl-1H-benzo[e]indol-2(3H)-ylidene)prop-1-enyl)-3-(6-(2,5-dioxopyrrolidin-1-yloxy)-6-oxohexyl)-1,1-dimethyl-1H-benzo[e]indolium chloride

### Physical and chemical properties

Appearance: dark crimson powder

### Hazards Identification

Emergency Overview: we are not aware of any reported health hazards for this product. We recommend treating all chemicals with caution. May irritate respiratory system.

### First Aid Measures

In case of eye contact: wash with a plenty of water for 10 min, assure adequate flushing by separating the eyelids with fingers, and seek medical advice immediately.

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

In case of skin contact, remove material with dry cotton plug, wash away several times with water, and soap.

Remove contaminated clothing.

### Fire Fighting Measures

Not flammable

### Accidental release measures

To remove spills and dye stains, use cotton plug with ethanol. Wear gloves when removing spills.

Collect and dispose of all waste in accordance with applicable laws.

### Storage conditions

Storage: 24 months after receipt at  $-20^{\circ}\text{C}$  in the dark. Transportation: at room temperature for up to 3 weeks. Avoid prolonged exposure to light. Desiccate.

**Lumiprobe Corp.**

1835 E. Hallandale Beach Blvd., #221

Hallandale Beach, FL 33009

USA

Tel +1 888 973 6353

Fax +1 888 973 6354

[www.lumiprobe.com](http://www.lumiprobe.com)

[order@lumiprobe.com](mailto:order@lumiprobe.com)



---

**Exposure Controls / Personal protection**

Wear appropriate gloves, protective clothing and eyewear and follow safe laboratory practices.

**Stability and Reactivity**

Thermal decomposition: no decomposition if used according to specifications.

Dangerous reactions: no dangerous reactions identified.

Dangerous products of decomposition: no dangerous decomposition products identified.

**Ecological Information**

We are not aware of any ecological hazards presented by this material.

**Disposal Considerations**

Consult local, state or national regulations for applicable requirements.

**Transport Information**

Hazard Class: no physical hazards identified

Identification number: not listed

Packaging group: not classified

Proper shipping name (technical name): not regulated for transport

**Regulations**

US TSCA: not listed

US other: not listed

EEC EINECS number: not listed

EEC Risk Statement: none

Other country regulations: none identified.