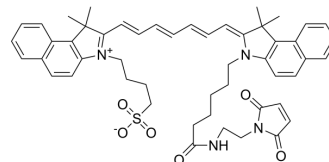


## ICG Maleimide

**Cat. No.:** HY-D1744  
**CAS No.:** 2143933-81-5  
**Molecular Formula:** C<sub>51</sub>H<sub>56</sub>N<sub>4</sub>O<sub>6</sub>S  
**Molecular Weight:** 853.08  
**Target:** Fluorescent Dye  
**Pathway:** Others  
**Storage:** 4°C, protect from light  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 31.25 mg/mL (36.63 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.1722 mL	5.8611 mL	11.7222 mL
	5 mM		0.2344 mL	1.1722 mL	2.3444 mL
	10 mM		0.1172 mL	0.5861 mL	1.1722 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

ICG Maleimide is thiol reactive near infrared (NIR) fluorescent dye and used to generate a stable fluorescence signal in bioimaging.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA