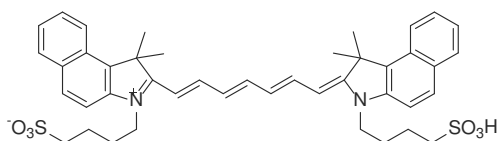


ICG is clinically approved NIR dye and used in medical diagnostics, in vitro, in vivo and animal model study. BioActs developed **water-soluble ICG dye** for biological research/medical diagnostics. BioActs offers various reactive and functionalized ICG dyes for labeling of antibodies, peptides, proteins and ligands.



**Indocyanine Green (ICG) Dye**

## List of ICG Dyes

| CatNo    | Product Name         | ExMax (nm) | EmMax (nm) | Packing Unit |
|----------|----------------------|------------|------------|--------------|
| RFP0815  | ICG                  | 785        | 812        | 25, 100 mg   |
| RFP0915  | ICG (Water-Soluble)  | 785        | 812        | 25, 100 mg   |
| POS1604  | ICG NHS ester        | 785        | 812        | 1, 5, 25 mg  |
| POA1616  | ICG Vinylsulfone     | 785        | 814        | 1, 5, 25 mg  |
| POSN1604 | ICG Sulfo-NHS ester  | 785        | 812        | 1, 5, 25 mg  |
| POI1616  | ICG Isothiocyanate   | 785        | 812        | 1, 5, 25 mg  |
| POC1616  | ICG Carboxylic acid  | 785        | 812        | 1, 5, 25 mg  |
| PWM1301  | ICG Maleimide        | 785        | 812        | 1, 5, 25 mg  |
| POE1616  | ICG Amine            | 785        | 812        | 1, 5, 25 mg  |
| PWT1301  | ICG Thiol            | 785        | 812        | 1, 5, 25 mg  |
| POR2616  | ICG Dichlorotriazine | 785        | 812        | 1, 5, 25 mg  |
| POH1616  | ICG Hydrazide        | 785        | 821        | 1, 5, 25 mg  |
| POK1616  | ICG Alkyne           | 785        | 812        | 1, 5, 25 mg  |
| POG1616  | ICG PEG4-Alkyne      | 785        | 812        | 1, 5, 25 mg  |
| DOCL061  | ICG ADIBO            | 785        | 812        | 1, 5, 25 mg  |
| POZ1616  | ICG Azide            | 785        | 821        | 1, 5, 25 mg  |

## ICG Dye Applications

| React ve ICG         |                  |
|----------------------|------------------|
| React ve Form        | React ng with    |
| ICG NHS ester        | Primary amine    |
| ICG Sulfo-NHS ester  |                  |
| ICG Vinylsulfone     |                  |
| ICG Isothiocyanate   |                  |
| ICG Maleimide        | Thiol            |
| ICG Hydrazine        | Aldehyde, Ketone |
| ICG Dichlorotriazine | Hydroxyl         |

| ICG for Click Chemistry |             |
|-------------------------|-------------|
| React ve Form           | Applicat on |
| ICG Alkyne              | CuAAC*      |
| ICG PEG-4 alkyne        | CuAAC*      |
| ICG Azide               | CuAAC*      |
| ICG ADIBO               | SPAAC**     |

### Non-React ve ICG

ICG  
 ICG (water-soluble)  
 ICG Amine  
 ICG Thiol  
 ICG Carboxylic acid

\*CuAAC: Copper-catalysed azide-alkyne cycloaddit ons

\*\*SPAAC: Strain-promoted alkyne-azide cycloaddit ons

**Custom Service:** BioActs provides custom antibody/protein fluorescence labeling services with a wide selection of reactive dyes and proper labeling technology.

For ordering custom service, complete custom labeling service request form and submit via email [order@bioacts.com](mailto:order@bioacts.com) or by fax to +82-32-818-8206

For questions, please contact us at [support@bioacts.com](mailto:support@bioacts.com)

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