

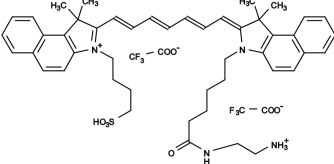
## ICG amine

Catalog number: 188  
Unit size: 1 mg

### Product Details

Storage Conditions	Freeze (<-15 °C), Minimize light exposure
Expiration Date	12 months upon receiving

### Chemical Properties

Appearance	Dark green solid
Molecular Weight	1001.08
Soluble In	DMSO
Chemical Structure	

### Spectral Properties

Excitation Wavelength	789 nm
Emission Wavelength	814 nm

### Applications

Indocyanine green (ICG) is a cyanine dye used in medical diagnostics. It is used for determining cardiac output, hepatic function, and liver blood flow, and for ophthalmic angiography. It has a peak spectral absorption close to 800 nm. These infrared frequencies penetrate retinal layers, allowing ICG angiography to image deeper patterns of circulation than fluorescein angiography. This ICG amine can be used to modify the molecules that contain a carbonyl group (such as an aldehyde or a carboxy group).