

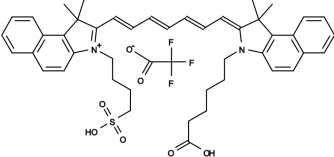
ICG acid

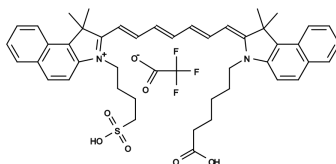
Catalog number: 189
Unit size: 5 mg

Product Details

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

Chemical Properties

Appearance	Green solid
Molecular Weight	844.98
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 acid can be used to modify the molecules that contain an amino group.