

# Product Data Sheet

Date of Issue: 26 Nov 2019

## 1. Product Information

- Product Name : NpFlamma® HGC 675
- Catalog Number : PNC1401
- Packing Unit : 10 tests / 50 tests / 250 tests
- Appearance : Blue Liquid
- Storage Conditions : Protect from Light at 4 °C

## 2. Additional Information

- Fluorophore Label : Flamma® Fluors 675
- Excitation<sub>Max</sub> : 675 nm
- Emission<sub>Max</sub> : 698 nm

## 3. Description

NpFlamma® HGC 675 is a far-red dye-incorporated chitosan based amphiphilic nanoparticle that enables to selectively detect tumor cells. Flamma® Fluor dyes display strong absorption, high fluorescence quantum yield and high photostability, and they maintain good fluorescence activity and stability after conjugated to biomolecules. The maxima of Ex/Em values are at 675/698 nm. NpFlamma® HGC 675 enables to observe non-invasive images of cancer metastases and to contrast blood vessel. We offer NpFlamma® 675 HGC as an effective fluorescence agent for in vivo imaging of angiography and tumor progression.