

GlowDot Ex: 494 nm

Catalogue number: 153882

Sub-type: Fluorescent Probe

Images:

Contributor

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Institute: University of Connecticut

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: GlowDot Ex: 494 nm

Alternate name:

Class:

Conjugate:

Description: Fluorescent protein-based nanoparticles that are rapidly internalized into the cytoplasm of cells and are available at a variety of excitation/emission wavelengths to meet diverse research needs. Highlights: Biocompatible nanoparticles Highly fluorescent Rapid cellular uptake Suitable for live cell imaging

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes: Solid (1 mg); GlowDot; 35nm; λ ? 5 nm; Ex: 254 nm; Ex: 494 nm; Em: 520 nm; shelf life of 2 months

Target details

Target:

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application:

Application notes:

Handling

Format:

Concentration:

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions: 4C

Shipping conditions:

Related tools

Related tools: GlowDot Ex: 543 nm ; GlowDot Ex: 254 nm ; GlowDot Ex: 340 nm ; GlowDot Ex: 350 nm ; GlowDot Ex: 365 nm ; GlowDot Ex: 432 nm ; GlowDot Ex: 543 nm

References

References: Deshapriya et al. 2015. Bioconjug Chem. 26(3):396-404. PMID: 25642999. ; Fluorescent, bioactive protein nanoparticles (prodots) for rapid, improved cellular uptake.

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