

# YC20 – Protein labelling reagent small molecule (tool compound)

**Catalogue number:** 159671

**Sub-type:** Marker

**Images:**

## Contributor

**Inventor:** Jeffrey Keillor

**Institute:** University of Ottawa

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** YC20 – Protein labelling reagent small molecule (tool compound)

**Alternate name:** YC2

**Class:**

**Conjugate:**

**Description:** This labeling reagent reacts with sulfhydryl groups on target proteins. By tagging proteins of interest with a di-cysteine peptide tag, (dC-10a), a researcher can use this labeling reagent to detect dC-10a-tagged proteins intracellularly and in real time.

**Purpose:** Marker

**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:** Patent: US 9,701,667

## 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:**

**Shipping conditions:** Dry Ice

## Related tools

**Related tools:**

## References

**References:** Akbar et al. 2017. J Med Chem. 60(18):7910-7927. PMID: 28858494.

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