

## Product Data Sheet

Product Name: SYS6010

Cat. No.: GC78799

### Chemical Properties

Cas. No.

Formula

M.Wt

Solubility

Storage      Store at -20°C

**General tips** For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

**Shipping Condition** Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



### Background

SYS6010 is an antibody-drug conjugate (ADC) targeting epidermal growth factor receptor ( EGFR ), which is formed by conjugating the anti-EGFR humanized IgG1 monoclonal antibody Becotatug with

**Caution: Product has not been fully validated for medical applications. For research use only.**

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the topoisomerase I inhibitor JS-1 via a cleavable tetrapeptide linker. SYS6010 can be used in the research of advanced solid tumors such as non-small cell lung cancer [1] [2].

In Vitro, SYS6010 undergoes endocytosis, and its linker is cleaved by proteases to release the payload, thereby exerting anticancer effects after binding to EGFR on the surface of tumor cells<sup>[1][2]</sup>.

### References:

[1]. Lu, S., et al. (2025). Abstract CT008: First-in-human study of SYS6010, a novel EGFR targeting antibody drug conjugate (ADC) for patients with advanced solid tumors. Cancer Research, 85(8\_Supplement\_2), CT008-CT008.

[2]. Lu, S., et al. M.,.... & Yang, Y. (2025). Abstract CT008: First-in-human study of SYS6010, a novel EGFR targeting antibody drug conjugate (ADC) for patients with advanced solid tumors. Cancer Research, 85(8\_Supplement\_2), CT008-CT008.

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