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

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[1][2].

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.