

Datopotamab

Cat. No.:	HY-P99843
CAS No.:	2267989-53-5
Molecular Weight:	145160
Target:	ADC Antibody; TROP2
Pathway:	Antibody-drug Conjugate/ADC Related; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Datopotamab (CDP7657) is an antibody targeting to TROP2. Datopotamab can be used to synthesize Datopotamab deruxtecan (HY-141598), TROP2-directed antibody-drug conjugate (ADC). Datopotamab deruxtecan consists of DNA topoisomerase I inhibitor Deruxtecan (HY-13631E) and Datopotamab ^[1] .
IC ₅₀ & Target	TROP2 ^[1]

REFERENCES

[1]. Okajima D, et al. Datopotamab Deruxtecan, a Novel TROP2-directed Antibody-drug Conjugate, Demonstrates Potent Antitumor Activity by Efficient Drug Delivery to Tumor Cells. Mol Cancer Ther. 2021 Dec;20(12):2329-2340.

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

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