

# Screening Libraries

**Proteins** 

## MCE MedChemExpress

### **Product** Data Sheet

#### **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 <sup>[1]</sup> .
IC <sub>50</sub> & 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA

Page 1 of 1