



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Patritumab deruxtecan

Cat. No.:	HY-P99813
CAS No.:	2227102-46-5
Target:	Antibody-Drug Conjugates (ADCs)
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

<b>Description</b>	Patritumab deruxtecan (HER3-DXd) is an antibody-drug conjugate (ADC) consisting of a fully human anti-HER3 IgG1 monoclonal antibody Patritumab (HY-P99275) attached to a topoisomerase I inhibitor payload via a tetrapeptide-based cleavable linker. Patritumab deruxtecan shows anticancer activity <sup>[1]</sup> .
<b>In Vitro</b>	Patritumab deruxtecan exhibits activity against breast cancer cells expressing HER3 mutations with and without HER2 overexpression <sup>[1]</sup> . Patritumab deruxtecan (0-100 nM) binds to the surface of all HER3-mutant and HER3 <sup>WT</sup> MDA-MB-231 cells in a concentration-dependent manner, but does not bind to the surface of HER3 <sup>EV</sup> cells <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Koyama K, et al. Patritumab deruxtecan (HER3-DXd), a novel HER3 directed antibody drug conjugate, exhibits in vitro activity against breast cancer cells expressing HER3 mutations with and without HER2 overexpression. PLoS One. 2022 May 3;17(5):e0267027.

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

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