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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Setrusumab

Cat. No.:	HY-P99398
CAS No.:	1847394-95-9
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Setrusumab (BPS 804) is a fully human monoclonal antibody targets sclerostin. Setrusumab effectively improves bone strength. Setrusumab can be used for the research of Osteogenesis Imperfecta (OI) and cancer ^[1] .	
In Vivo	Setrusumab (100 mg/kg; i.v. once a week for 4 weeks) inhibits breast cancer-induced bone metastases and muscle weakness in mice ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	
	Animal Model:	8-week-old female immune-compromised CB-17/lcr-Prkdc ^{scid} /Rj mice with MDA-MB-231 breast cancer cells injection ^[1]
	Dosage:	100 mg/kg
	Administration:	Intravenous injection; 100 mg/kg once a week for 4 weeks
	Result:	Significantly inhibited tumor growth in bones and breast cancer cell dissemination into other organs. Inhibited breast cancer-induced osteolytic lesions and subsequent loss of bone mass of the distal femur and of the proximal tibia. Reduced phosphorylation of IKK α , IKK β , and p65.

REFERENCES

[1]. Hesse E, et al. Sclerostin inhibition alleviates breast cancer-induced bone metastases and muscle weakness. JCI Insight. 2019 Apr 9;5(9):e125543.

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

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