



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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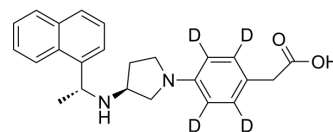
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Evocalcet-d₄

Cat. No.:	HY-17613S
Molecular Formula:	C ₂₄ H ₂₂ D ₄ N ₂ O ₂
Molecular Weight:	378.5
Target:	Isotope-Labeled Compounds; CaSR
Pathway:	Others; GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Evocalcet-d₄ (KHK7580-d₄) is deuterium labeled Evocalcet. Evocalcet (KHK7580) is an orally active calcium sensing receptor (CaSR) agonist. Evocalcet inhibits the secretion of parathyroid hormone (PTH) from parathyroid gland cells. Evocalcet can be used for the research of hyperparathyroidism^{[1][2]}.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother*. 2019 Feb;53(2):211-216.
- [2]. Sakai M, et al. Evocalcet prevents ectopic calcification and parathyroid hyperplasia in rats with secondary hyperparathyroidism. *PLoS One*. 2020 Apr 28;15(4):e0232428.
- [3]. Kawata T, et al. A novel calcimimetic agent, evocalcet (MT-4580/KHK7580), suppresses the parathyroid cell function with little effect on the gastrointestinal tract or CYP isozymes in vivo and in vitro. *PLoS One*. 2018 Apr 3;13(4):e0195316.

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

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