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Produktinformation



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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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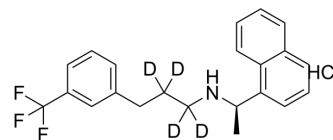
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Cinacalcet-d₄ hydrochloride

Cat. No.:	HY-W653978
CAS No.:	2514927-75-2
Molecular Formula:	C ₂₂ H ₁₉ D ₄ ClF ₃ N
Molecular Weight:	397.9
Target:	Isotope-Labeled Compounds; CaSR; Endogenous Metabolite
Pathway:	Others; GPCR/G Protein; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Cinacalcet-d ₄ (AMG-073-d ₄) hydrochloride is deuterium labeled Cinacalcet (hydrochloride). Cinacalcet hydrochloride (AMG-073 hydrochloride) is an orally active, allosteric agonist of Ca receptor (CaR), used for cardiovascular disease treatment ^[1] .
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REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019 Feb;53(2):211-216.
- [2]. Colloton M, et al. Cinacalcet HCl attenuates parathyroid hyperplasia in a rat model of secondary hyperparathyroidism. Kidney Int. 2005 Feb;67(2):467-76.
- [3]. D.A. Bushinsky, et al. Effect of cinacalcet on urine calcium excretion and supersaturation in genetic hypercalciuric stone-forming rats. Kidney Int. 2006 May;69(9):1586-92.

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

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