

(D-Lys16)-ACTH (1-24) (human, bovine, mouse, ovine, porcine, rabbit, rat)

Cat. No.:	HY-P3566
CAS No.:	494750-52-6
Molecular Formula:	C ₁₃₆ H ₂₁₀ N ₄₀ O ₃₁ S
Molecular Weight:	2933.44
Sequence:	Ser-Tyr-Ser-Met-Glu-His-Phe-Arg-Trp-Gly-Lys-Pro-Val-Gly-Lys-{d-Lys}-Arg-Arg-Pro-Val-Lys-Val-Tyr-Pro
Sequence Shortening:	SYSMEHFRWGKPVGK-{d-Lys}-RRPVKVYP
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

(D-Lys16)-ACTH (1-24) (human, bovine, mouse, ovine, porcine, rabbit, rat) is the reaction product with gadolinium tetraazacyclododecanetriacetate derivative. (D-Lys16)-ACTH (1-24) (human, bovine, mouse, ovine, porcine, rabbit, rat) involves in preparation of tetraazacyclododecane macrocycle metal complexes for production of conjugates with biomolecules and for use as NMR contrast agents, radiodiagnostic agents and for radiotherapy^{[1][2]}.

REFERENCES

[1]. Platzek Johannes, et al. Conjugates of macrocyclic metal complexes with biomolecules, and the use thereof for producing agents for use in NMR diagnosis, radiodiagnosis and radiotherapy: World Intellectual Property Organization, WO2003013617[P]. 2003-02-20.

[2]. Platzek Johannes, et al. Preparation of tetraazacyclododecane macrocycle metal complexes for production of conjugates with biomolecules and for use as NMR contrast agents, radiodiagnostic agents and for radiotherapy: World Intellectual Property Organization, WO2003009874[P]. 2003-02-06.

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

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