

DT-3

Cat. No.:	HY-P0142
CAS No.:	329306-46-9
Molecular Formula:	C ₁₅₂ H ₂₅₈ N ₅₂ O ₂₈ S
Molecular Weight:	3294.07
Sequence:	Arg-Gln-Ile-Lys-Ile-Trp-Phe-Gln-Asn-Arg-Arg-Met-Lys-Trp-Lys-Lys-Leu-Arg-Lys-Lys-Lys-Lys-Lys-His
Sequence Shortening:	RQIKIWFQNRMRKWKLRKKKKKH
Target:	Guanylate Cyclase
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

DT-3 is a membrane-permeable protein kinase G α inhibitory peptide. DT-3 is a guanylyl cyclase? inhibitor and shows pharmacological blockade of the cGMP-PKG signalling^[1].

REFERENCES

[1]. Shinichi Takahashi, et al. Nitric oxide-cGMP-protein kinase G pathway negatively regulates vascular transient receptor potential channel TRPC6. J Physiol. 2008 Sep 1;586(17):4209-23.

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

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