

DT-2

Cat. No.:	HY-P2692A
CAS No.:	1220985-78-3
Molecular Formula:	C ₁₂₂ H ₂₂₃ N ₅₃ O ₂₃
Molecular Weight:	2800.42
Sequence:	Tyr-Gly-Arg-Lys-Lys-Arg-Arg-Gln-Arg-Arg-Arg-Pro-Pro-Leu-Arg-Lys-Lys-Lys-Lys-His-NH ₂
Sequence Shortening:	YGRKKRRQRRRPPLRKKKKKH-NH ₂
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	DT-2 is a potent and selective inhibitor of the cGMP-dependent protein kinase (PKG). DT-2 inhibits PKG catalyzed phosphorylation (K_i : 12.5 nM) ^[1] .
-------------	--

REFERENCES

[1]. Pinkse MWH, et al. Mode of action of cGMP-dependent protein kinase-specific inhibitors probed by photoaffinity cross-linking mass spectrometry. J Biol Chem. 2009 Jun 12;284(24):16354-16368.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA