

G-Subtide

Cat. No.:	HY-P10036
CAS No.:	910804-03-4
Molecular Formula:	C ₅₃ H ₉₆ N ₂₂ O ₁₅
Molecular Weight:	1281.47
Sequence:	Gln-Lys-Arg-Pro-Arg-Arg-Lys-Asp-Thr-Pro
Sequence Shortening:	QKRPRRKDTP
Target:	PKG
Pathway:	Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	G-Subtide is a G-substrate peptide localized in Purkinje cells of the cerebellum. G-Subtide has little activity distinct from background and is a preferentially phosphorylated peptide substrate of recombinant PfPKG2 protein ^[1] .
IC ₅₀ & Target	PfPKG2 ^[1]

REFERENCES

[1]. Deng W, et al. A novel cyclic GMP-dependent protein kinase is expressed in the ring stage of the Plasmodium falciparum life cycle. Mol Microbiol. 2002 Jun;44(5):1141-51.

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

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