

BeKm-1

Cat. No.:	HY-P1440
CAS No.:	524962-01-4
Molecular Formula:	C ₁₇₄ H ₂₆₁ N ₅₁ O ₅₂ S ₆
Molecular Weight:	4091.65
Sequence Shortening:	RPTDIKCSSEYQCFPVCKSRFGKTNRGRCVNGFCDCF (Disulfide bridge:Cys13-Cys33;Cys17-Cys35;Cys7-Cys28)
Target:	Potassium Channel
Pathway:	Membrane Transporter/Ion Channel
Storage:	Sealed storage, away from moisture and light, under nitrogen Powder -80°C 2 years -20°C 1 year * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen)

BIOLOGICAL ACTIVITY

Description

BeKm-1 is a HERG (human ether-a-go-go-related gene) blocking compound. BeKm-1 can be used for the research of heart disease^[1].

REFERENCES

[1]. Milnes JT, et al. Preferential closed channel blockade of HERG potassium currents by chemically synthesised BeKm-1 scorpion toxin. FEBS Lett. 2003;547(1-3):20-26.

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

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