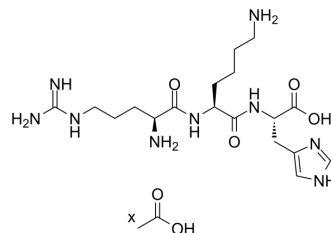


RKH acetate

Cat. No.:	HY-P10208A
Molecular Formula:	C ₁₈ H ₃₃ N ₉ O ₄ .xC ₂ H ₄ O ₂
Sequence:	Arg-Lys-His
Sequence Shortening:	RKH
Target:	Toll-like Receptor (TLR)
Pathway:	Immunology/Inflammation
Storage:	Sealed storage, away from moisture
	Powder -80°C 2 years
	-20°C 1 year
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : ≥ 30 mg/mL * "≥" means soluble, but saturation unknown.
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BIOLOGICAL ACTIVITY

Description	RKH acetate exerts protective effects against sepsis-induced death and organ damage. RKH acetate can directly bind to Toll-like receptor 4 (TLR4) and block TLR4 signal transduction in immune cells ^[1] .
IC ₅₀ & Target	TLR4

REFERENCES

[1]. Shihao Xie, et al. Novel tripeptide RKH derived from Akkermansia muciniphila protects against lethal sepsis. Gut. 2023 Dec 7;73(1):78-91.

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

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