

Rusalatide acetate

Cat. No.:	HY-105069A
CAS No.:	875455-82-6
Molecular Formula:	C ₉₉ H ₁₅₁ N ₂₉ O ₃₇ S
Molecular Weight:	2371.5
Sequence Shortening:	AGYKPDEGKRGDACEGDSGGPFV-NH2
Target:	Others
Pathway:	Others
Storage:	Sealed storage, away from moisture and light 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)

BIOLOGICAL ACTIVITY

Description	Rusalatide acetate (TP508 amide acetate), a regenerative peptide, mitigates radiation-induced gastrointestinal damage by activating stem cells and preserving crypt integrity ^[1] .
In Vitro	Rusalatide (TP508) is a 23 amino acid peptide representing amino acids 508-530 of human prothrombin that was identified as the high-affinity binding domain of thrombin responsible for interaction with a subset of thrombin receptors on the surface of fibroblasts thought to initiate tissue repair ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Kantara C, et al. Novel regenerative peptide TP508 mitigates radiation-induced gastrointestinal damage by activating stem cells and preserving crypt integrity. Lab Invest. 2015 Nov;95(11):1222-33.

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

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