

IRL 1038

Cat. No.:	HY-P1018
CAS No.:	144602-02-8
Molecular Formula:	C ₆₈ H ₉₂ N ₁₄ O ₁₅ S ₂
Molecular Weight:	1409.67
Sequence:	Cys-Val-Tyr-Phe-Cys-His-Leu-Asp-Ile-Ile-Trp (Disulfide bridge:Cys1-Cys5)
Sequence Shortening:	CVYFCHLDIIW (Disulfide bridge:Cys1-Cys5)
Target:	Endothelin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	IRL 1038 is an endothelin B receptor selective antagonist with a K _i of 6-11 nM ^[1] .
IC ₅₀ & Target	Ki: 6-11 nM (endothelin B receptors), 0.4-0.7 μM (endothelin A receptors) ^[1]

REFERENCES

[1]. Urade Y, et al. An endothelin B receptor-selective antagonist: IRL 1038, [Cys11-Cys15]-endothelin-1(11-21). FEBS Lett. 1992 Oct 12;311(1):12-6. doi: 10.1016/0014-5793(92)81355-p.

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

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