

Product Name : PAC1 antagonist M65
Cat. No. : PC-27327
CAS No. : 1872440-65-7
Molecular Formula : C₂₀₅H₃₂₆N₆₄O₆₁S₅
Molecular Weight : 4823.53
Target : Vasoactive intestinal peptide receptor (VIPR)
Solubility : 10 mM in DMSO

Cys-Asp-Ala-Thr-Cys-Gln-Phe-Arg-Lys-Ala-Ile-Asp-Asp-Cys-Gln-Lys-
Gln-Ala-His-His-Ser-Asn-Val-Pro-Gly-Asn-Ser-Val-Phe-Lys-Glu-Cys-
Met-Lys-Gln-Lys-Lys-Lys-Glu-Phe-Lys-Ala-NH₂
(Disulfide bridge: Cys1-Cys5, Cys14-Cys32)

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Biological Activity

PAC1 antagonist M65 is a truncated variant of Maxadilan and potent, specific antagonist of PACAP type 1 receptor (PACAP/VIP receptor 1, PVR1, PAC1 receptor), blocks the VIP-induced cAMP accumulation in cultured rat cortical neurons.

References

Uchida D, et al. Ann N Y Acad Sci. 1998 Dec 11;865:253-8.

Jansen-Olesen I, et al. Neuropeptides. 2014 Apr;48(2):53-64.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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