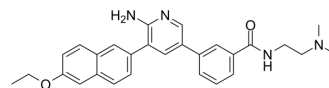


CRT5

Cat. No.:	HY-112547
CAS No.:	1034297-58-9
Molecular Formula:	C ₂₈ H ₃₀ N ₄ O ₂
Molecular Weight:	454.56
Target:	PKD
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

CRT5, a pyrazine benzamide, is a potent and selective inhibitor for all three isoforms of PKD in endothelial cells treated with VEGF (IC₅₀s = 1, 2, and 1.5 nM for PKD1, PKD2, and PKD3, respectively). CRT5 decreases VEGF-induced endothelial migration, proliferation and tubulogenesis^[1].

REFERENCES

[1]. Evans IM, et al. Characterization of the biological effects of a novel protein kinase D inhibitor in endothelial cells. *Biochem J.* 2010 Aug 1;429(3):565-72.

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

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