

DC432

Cat. No.:	HY-P10028
CAS No.:	2388988-70-1
Molecular Formula:	C ₅₅ H ₁₀₀ N ₂₈ O ₁₀
Molecular Weight:	1313.56
Sequence:	{p-Hydroxybenzeneacetic acid}-Pro-Lys-Arg-Arg-Arg-Arg-Arg-NH ₂
Sequence Shortening:	{p-Hydroxybenzeneacetic acid}-PKRRRRRR-NH ₂
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	HCT116 is a peptidomimetic inhibitor of N-terminal methyltransferase 1/2 (NTMT1/2) with an IC ₅₀ of 54 nM. HCT116 can inhibit the N-terminal methylation level of NTMT1/2 substrates in HCT116 cells, and is used for the study of NTMT1/2 probes.
IC ₅₀ & Target	IC ₅₀ : 54 nM (NTMT1/2) ^[1] .

REFERENCES

[1]. Mackie BD, et al. Selective Peptidomimetic Inhibitors of NTMT1/2: Rational Design, Synthesis, Characterization, and Crystallographic Studies. J Med Chem. 2020 Sep 10;63(17):9512-9522.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA