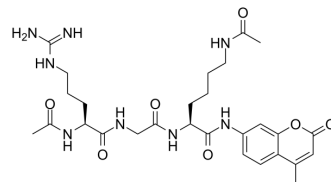


Ac-Arg-Gly-Lys(Ac)-AMC

| | |
|-----------------------------|---------------------------------------------------------------------------------------------------------------|
| Cat. No.: | HY-P2462 |
| CAS No.: | 660846-97-9 |
| Molecular Formula: | C ₂₈ H ₄₀ N ₈ O ₇ |
| Molecular Weight: | 600.67 |
| Sequence Shortening: | Ac-RG{K(Ac)}-AMC |
| Target: | HDAC |
| Pathway: | Cell Cycle/DNA Damage; Epigenetics |
| Storage: | Sealed storage, away from moisture and light, under nitrogen |
| | 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, under nitrogen) |



BIOLOGICAL ACTIVITY

| | |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | Ac-Arg-Gly-Lys(Ac)-AMC is a substrate for HDAC ^[1] . |
| In Vitro | Following initial inhibition of HDACs, the peptide substrate Ac-Arg-Gly-Lys-AMC is added to the reaction tubes for next 30 min and finally the stop solution stopped the reaction mediated by HDAC enzymes ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

REFERENCES

[1]. Meike Kespohl, et al. The Microbial Metabolite Butyrate Induces Expression of Th1-Associated Factors in CD4 + T Cells Front Immunol. 2017 Aug 28;8:1036.

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