

HDAC Fluorogenic HDAC Substrate

Catalog No. CSI19604 Quantity: 500 nmol

Description: A fluorogenic, acetylated peptide substrate for HDACs. Based on residues 379-382 of

p53 (Arg-His-Lys-Lys(Ac), a site of regulatory acetylation by the p300 and CBP

acetyltransferases (lysines 381, 382), it is a suitable substrate for HDAC2, HDAC3, and

HDAC6 tested so far. This substrate should be used in conjunction with HDAC

Developer.

Formulation: 5 mM solution in 25 mM Tris-Cl, pH 8.0 + 137 mM NaCl + 2.7 mM KCl + 1 mM MgCl₂

Purity: > 90% as determined by HPLC analysis

Applications: Study enzyme kinetics and screen small molecule inhibitors for drug discovery and HTS

applications.

Storage & Stability: Store in working aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.

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