FLUOR DE LYS®-SIRT2 deacetylase substrate

FLUOR DE LYS®-SIRT2 is a fluorogenic peptide substrate for SIRT2 (human Sirtuin 2). Based on residues 317-320 of p53 (Gln-Pro-Lys-Lys(Ac)), a site of regulatory acetylation by the PCAF acetyltransferase (lysine 320), it was the best for SIRT2 from among a panel of substrates patterned on p53, Histone H3, and Histone H4 acetylation sites. FLUOR DE LYS®-SIRT2 deacetylase substrate is deacetylated by SIRT2 at a rate of more than 50-fold that of the acetylated lysine substrate (Prod. No. BML-KI104; acetylated substrates both at 25 µM, 500 µM NAD^+). Must be used in conjunction with FLUOR DE LYS® Developer II (Prod. No. BML-KI176). Sufficient for 100 assays of human recombinant SIRT2 (Prod. No. BML-SE251; 2U/well, 100 µM substrate).

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Ordering Information

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BML-KI179-0005	0.5µmol

Manuals, SDS & CofA

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Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-80°C
Shipping	Dry Ice

Regulatory Status

RUO - Research Use Only

Product Details

Formulation	Supplied as a 5mM solution (100 µl) in HDAC Assay Buffer.
Purity	≥95% (HPLC)

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ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

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