

Ac-KQKLR-AMC

Cat. No.:	HY-P5378
CAS No.:	1135686-31-5
Molecular Formula:	C ₄₁ H ₆₆ N ₁₂ O ₉
Molecular Weight:	871.04
Sequence:	Ac-Lys-Gln-Lys-Leu-Arg-{AMC}
Sequence Shortening:	Ac-KQKLR-{AMC}
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Ac-KQKLR-AMC (Cathepsin S substrate) is a biological active peptide. (Cathepsins are a class of globular lysosomal proteases, playing a vital role in mammalian cellular turnover. They degrade polypeptides and are distinguished by their substrate specificities. Cathepsin S is a cysteine proteinase involved in the pathogenesis of autoimmune diseases, atherosclerosis, cancer, obesity and related diseases. This peptide is a cathepsin S substrate fluorescently labeled with AMC (Ex/Em=354 nm/442 nm). It can be used to measure cathepsin S activity.)

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

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