Abz-SDK(Dnp)-P

ACE substrate

Fluorogenic substrate for angiotensin converting enzyme-1 (ACE1) N-domain. The somatic form of ACE1 is a zinc-dependent peptidyl dipeptidase comprising two catalytic domains referred to as the N- and C-domains. The testicular form, due to a downstream start site, contains only the C-domain. Abz fluorescence is quenched by the Dnp group until cleavage (at Asp-Lys) separates them. Ex: 320 nm, Em: 420 nm. This quenched substrate is useful for assay of cell culture ACE1 N-domain activity, inhibitor screening and kinetic analysis.

Citations: 1 View Online »

Manuals, SDS & CofA View Online »

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	ACE1 (N-domain) substrate (fluorogenic)
MW	730.9
Purity	≥97%
Sequence	Abz-Ser-Asp-Lys(Dnp)-Pro-OH[Abz=o-aminobenzoicacid;Dnp=2,4-dinitrophenyl]

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