Z-AAD-CMK

Caspase inhibitor

Irreversible, cell-permeable inhibitor of granzyme B (ID_{50}=0.3 μM). Does not inhibit granzyme A. Inhibition of granzyme B with Z-AAD-CMK prevented caspase-3 activation in T cells.

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BML-P165-0001	1mg

Manuals, SDS & CofA View Online »

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Store, as supplied, at -20°C for up to 1 year. Store solutions at -20°C for up to 3 months.
Handling	After reconstitution, prepare aliquots and store at -20°C.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Granzyme B inhibitor
Appearance	White to off-white solid.
Formula	$C_{19}H_{24}ClN_3O_7$
Formulation	Lyophilized.
MW	441.9
Purity	≥95% (HPLC)
Sequence	Benzyloxycarbonyl-Ala-Ala-Asp-chloromethylketone
Solubility	Soluble in DMSO (25mg/ml), 100% ethanol (25mg/ml) or water (20mg/ml).
Source	Synthetic.

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