7-Aminoactinomycin D

Fluorescent DNA binding agent

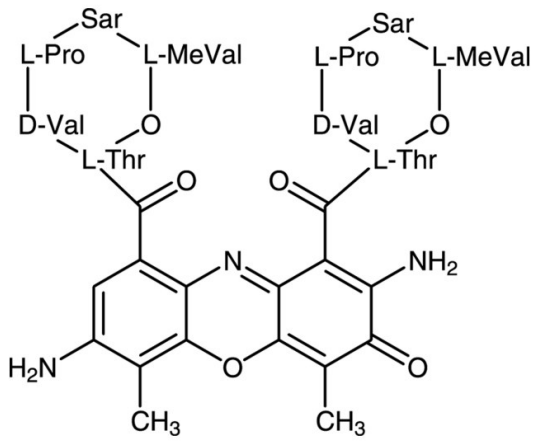
Fluorescent, intercalating DNA-binding agent useful for identifying apoptotic cells by flow cytometry. Capable of identifying populations representing live, apoptotic, and late apoptotic/dead cells in a quick, simple, reproducible, cost-effective fashion. Inhibitor of DNA-primed RNA polymerase and DNA polymerase. Cytochemical probe. Exhibits growth-inhibitory activity against certain leukemias and sarcomas. has antibacterial properties.

Citations: 17 View Online »

Ordering Information Order Online »

BML-AP400-0001	1mg

Manuals, SDS & CofA View Online »


Sar
L-Pro
L-MeVal
D-Val
O
L-Thr
O
Sar
L-Pro
L-MeVal
D-Val
O
L-Thr
O
N
NH2
H2N
O
O
CH3
CH3

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	Protect from light. Hygroscopic.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	7-AAD, 7AAD
Appearance	Purple crystalline solid.
CAS	7240-37-1
Formula	$C_{62}H_{87}N_{13}O_{16}$
MW	1270.4
Purity	≥97% (HPLC)
Solubility	Soluble in DMSO (20mg/ml), methanol or 100% ethanol. Slightly soluble in water.
Source	Semisynthetic from actinomycin D (Prod. No. BML-GR300-0005)

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