

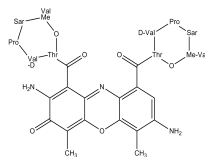
Product: 7-Aminoactinomycin D

ALTERNATE NAME: 7-AAD; NSC-239759; 2,7-diamino-4,6-dimethyl-3-oxo-1-N,9-N-bis[7,11,14-trimethyl-2,5,9,12,15-pentaoxo-3,10-di(propan-2-yl)-8-oxa-1,4,11,14-tetrazabicyclo[14.3.0]nonadecan-6-yl]phenoxazine-1,9-dicarboxamide

CATALOG #: 2725-1, 5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₆₂H₈₇N₁₃O₆

MOLECULAR WEIGHT: 1270.43

CAS NUMBER: 7240-37-1

APPEARANCE: Red to dark purple solid

SOLUBILITY: DMSO (~20 mg/ml)

PURITY: ≥98%

STORAGE: Store at -20 °C. Protect from light and moisture

DESCRIPTION: 7-Aminoactinomycin D (7-AAD) is a fluorescent dye that undergoes a spectral shift upon association with DNA. It distinguishes viable, apoptotic, and late apoptotic/dead cells in flow cytometry. It can also be used to stain DNA in cells that have been fixed and permeabilized by a variety of methods.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Actinomycin D (Cat. No. 1036-50, 5MG, 50MG)

Cell-mediated cytotoxicity Fluorometric Assay kit (7-AAD/CFSE) (Cat. No. K315-100)

FOR RESEARCH USE ONLY! Not to be used on humans.