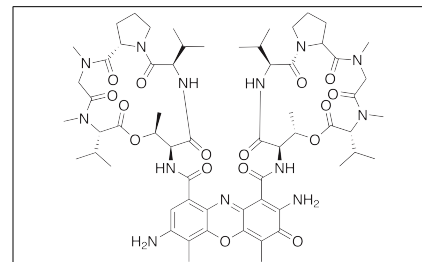




Product Information

Product ID A4930
CAS No. 7240-37-1
Chemical Name 2,7-diamino-4,6-dimethyl-3-oxo-N,N'-bis[7,11,14-trimethyl-2,5,9,12,15-penta-oxo-3,10-di(propan-2-yl)-8-oxa-1,4,11,14-tetrazabicyclo[14.3.0]nonadecan-6-yl]phenoxazine-1,9-dicarboxamide
Synonym 7-Amino-Actinomycin D
7-amino-AMD
Actinomycin D, 7-amino-
Formula C₆₂H₈₇N₁₃O₁₆
Formula Wt. 1270.43
Melting Point 250°C
Purity ≥97%
Solubility Soluble in ethanol



Bulk quantities available upon request

Product ID	Size
A4930	1 mg
A4930	5 mg

Store Temp 4°C

Ship Temp Ambient

Description 7-Aminoactinomycin D (7AAD) binds DNA sequences and is used in cellular assays to measure apoptosis and phagocytosis.

References Su YJ, Cheng TT, Chen CJ, et al. The association among leukocyte apoptosis, autoantibodies and disease severity in systemic lupus erythematosus. *J Transl Med.* 2013 Oct 19;11:261. PMID: 24138706.

Ortega E, Algarra I, Serrano MJ, et al. The use of 7-amino-actinomycin D in the analysis of *Candida albicans* phagocytosis and opsonization. *J Immunol Methods.* 2001 Jul 1;253(1-2):189-93. PMID: 11384680.

Philpott NJ, Turner AJ, Scopes J, et al. The use of 7-amino actinomycin D in identifying apoptosis: simplicity of use and broad spectrum of application compared with other techniques. *Blood.* 1996 Mar 15;87(6):2244-51. PMID: 8630384.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.