

Product Specification

Product Name: Actinomycin D
Dactinomycin; Actinomycin C1; Actinomycin IV; Meractinomycin

Item Nr.: 1089 MW: 1255.43 g/mol C62H86N12O16
CAS Nr.: 50-76-0 E.C.Nr.: EINECS: 200-063-6

Parameter	Method	Specification	Unit
Appearance	visual	bright red crystalline powder	
Solubility	0.001% in H2O	moderately soluble	
Solubility	0.001% in MeOH	freely soluble	
Clarity of solution	Nephelometry	0	NTU
Coloration of sol.	Gardner	11 - 13	
Assay	HPLC	>98.0	%
Loss on drying		<5.0	%
Optical rotation	$[\alpha]_{20D}$ 10mg in MeOH	-292 - -317	°
Total impurity		<2.0	%
pH	0.001% in H2O		
A441	0.001% in H2O	<0.2	
A240/A445		1.3 - 1.5	
Bacterial endotoxins		<100	EU/mg

Storage: Keep well closed at 2-8°C in a dry and dark place.

For professional use only. Not intended for pharmaceutical use. We do not warrant suitability for any particular application. Consult Safety Data Sheet.

Version/Latest update: 03/26.08.2019