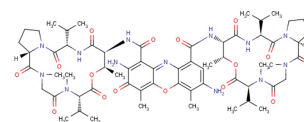


7-Aminoactinomycin D

Chemical Properties

| | |
|-------------------|--|
| CAS No.: | 7240-37-1 |
| Formula: | C ₆₂ H ₈₇ N ₁₃ O ₁₆ |
| Molecular Weight: | 1270.43 |
| Appearance: | N/A |
| Storage: | 0-4°C for short term (days to weeks), or -20°C for long term (months). |



Biological Description

| | |
|----------------------------|--|
| Description | 7-Aminoactinomycin D is a fluorescent DNA stain. |
| Targets(IC ₅₀) | Others: None |

Solubility Information

| | |
|------------|---|
| Solubility | < 1 mg/ml refers to the product slightly soluble or insoluble |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|----------|----------|----------|
| 1 mM | 0.787 mL | 3.936 mL | 7.871 mL |
| 5 mM | 0.157 mL | 0.787 mL | 1.574 mL |
| 10 mM | 0.079 mL | 0.394 mL | 0.787 mL |
| 50 mM | 0.016 mL | 0.079 mL | 0.157 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Wadkins RM, et al. Actinomycin D and 7-aminoactinomycin D binding to single-stranded DNA. Biochemistry. 1991 Oct 1;30(39):9469-78.

Inhibitors · Natural Compounds · Compound Libraries

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