

Stability:**Bulk:**

Decomposition was not observed when the bulk drug was frozen and stored for 23 months in the presence of one molar equivalent of sodium ascorbate.

Solution:

At low concentrations (1.0 mg/mL or less) in the presence of sodium ascorbate, potency is retained upon storage at 5°C for up to three weeks. The compound is most stable in the pH range 4-8, with rapid decomposition occurring in both strongly acidic and strongly basic solutions.

Ultraviolet Absorption:

(Methanol)

λ_{\max}	ϵ
267 \pm 2	32,000 - 33,000

High Performance Liquid Chromatography:

Column:	Chemcopak 5-ODS-H, 4.6 x 250 mm i.d.
Mobile Phase:	10% Acetonitrile in pH 7, 0.05M KH_2PO_4
Flow Rate:	1.35 mL/min
Detection:	UV at 254 nm

Sample Preparation: In a dry box under nitrogen, samples (≈ 1.5 mg) are accurately weighed and dissolved in 1.00 mL water. One mL of internal standard is added. 10 μ L is injected for analysis.

Internal Standard: ≈ 40 mg m-nitroaniline in 50 mL of methanol.

Retention Volume: 19.5 mL (NSC 339638)
74.2 mL (I.S.)