

1. Identification

Catalogue Number

TRC-B682790

Lot Number

8-EVK-155-1

Product Name

14-Bromo Daunorubicin Hydrobromide Salt (>75%)

Synonyms

(8S,10S)-10-[(3-Amino-2,3,6-trideoxy- α -L-lyxo-hexopyranosyl)oxy]-8-(2-bromoacetyl)-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-5,12-naphthacenedione Hydrobromide; 14-Bromodaunomycin Hydrobromide Salt

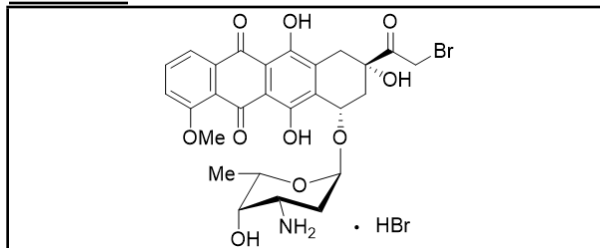
CAS Number

60873-68-9

Solubility

DMSO (Slightly), Methanol (Slightly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₂₇H₂₈BrNO₁₀ • HBr

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

606.42 + 80.91

Purity

>75%

2. Warnings

Hygroscopic

3. Analytical Information




<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Red to Very Dark Red Solid	Red Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 42.23, %H: 4.74, %N: 2.66
HPLC Purity	Report Result	83.34% (234 nm)
MS	Conforms to Structure	Conforms
Bromide Content	Report Result	22.01% by Ion Chromatography
Specific Rotation	Report Result	+144.2° (c = 0.1, Methanol)

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			12/23/2021	12/21/2025
Henry Tieu	Toni Rantanen	Chanell Chu		
Product Quality Specialist	Manager, Quality Assurance	Jr. Quality Assurance		