



CERTIFICATE OF ANALYSIS

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1. Identification

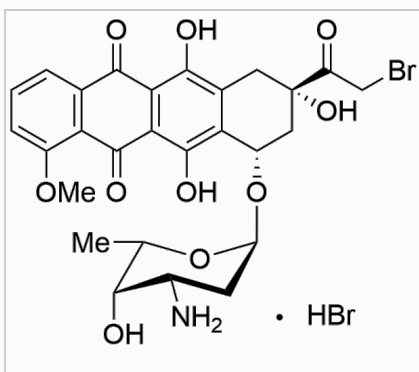
Catalogue Number: B682790

CAS Number: 60873-68-9

Product: 14-Bromo Daunorubicin Hydrobromide Salt (>75%)

Synonym: (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

Structure:



Molecular Formula:

$C_{27}H_{28}BrNO_{10} \cdot HBr$

Molecular weight:

606.42 + 80.91

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Sparingly), Water (Slightly)

Lot Number: 8-EVK-155-1

Purity: >75%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Red to Very Dark Red Solid	Red Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 42.23, %H: 4.74, %N: 2.66
HPLC Purity	Report Result	83.34% (234 nm)
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

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Henry Tieu	Toni Rantanen	Chanell Chu	12/23/2021	12/21/2025

