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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Doxorubicin Impurity 39 (Mixture of Diastereomers)**

### Identification:

Chemical Name: (8R)-6,8,11-trihydroxy-8-(1-hydroxyethyl)-1-methoxy-7,8,9,10-tetrahydrotetracene-5,12-dione

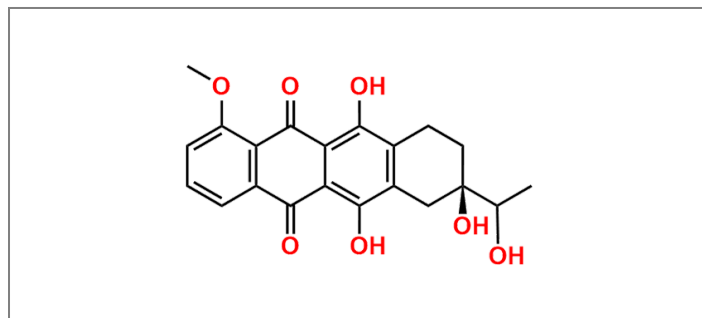
Synonyms : NA

CAS Number : 210837-87-9

CAT Number : CP-D102016

Molecular Formula : C<sub>21</sub>H<sub>20</sub>O<sub>7</sub>

Molecular Weight : 384.38



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.