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CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2024

Re-test Date: Jun 2027

Product Name: Atovaquone EP Impurity C

Identification:

Chemical Name: 2[(1R)4(4-chlorophenyl)cyclohex3en1yl]3-hydroxynaphthalene1,4-dione

Synonyms : Didehydro Atovaquone ; (±)-
Atovaquone Impurity C

CAS Number : 1809464-27-4

CAT Number : CP-A33003

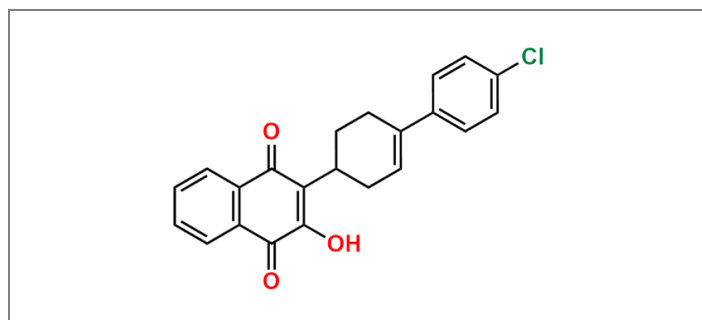
Molecular Formula : C₂₂H₁₇ClO₃

Molecular Weight : 364.82

Batch Number : CP-ATO-C-0724

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.92%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.292%
8)	Potency by TGA	99.62%



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.