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## CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2024

Re-test Date: Jun 2027

**Product Name: Atovaquone EP Impurity D**

### Identification:

Chemical Name: 2[trans-4(4chlorophenyl)cyclohexyl]3methoxynaphthalene1,4-dione

Synonyms : O-Methyl Atovaquone

CAS Number : 129700-41-0

CAT Number : CP-A33004

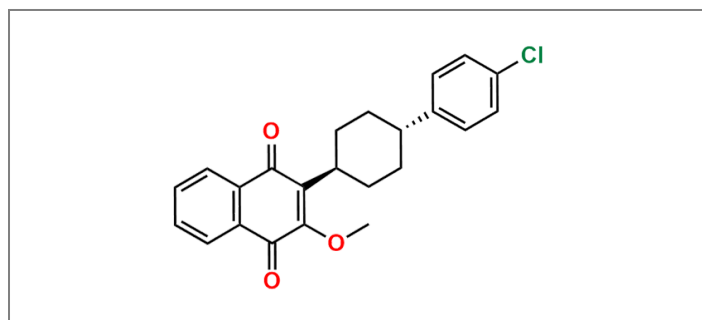
Molecular Formula : C<sub>23</sub>H<sub>21</sub>ClO<sub>3</sub>

Molecular Weight : 380.86

Batch Number : CHEM-AVQ-D

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	99.14%
5)	H1NMR	Confirm to structure
6)	13CNMR	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.