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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Clethodim Impurity 1**

### Identification:

Chemical Name: 5-(2-(Ethylthio)propyl)-3-hydroxy-2-propionylcyclohex-2-en-1-one

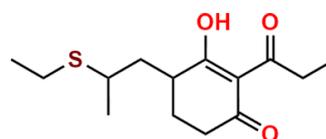
Synonyms : NA

CAS Number : 111031-74-4

CAT Number : CP-C236001

Molecular Formula : C<sub>14</sub>H<sub>22</sub>O<sub>3</sub>S

Molecular Weight : 270.4



### 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.