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## CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2024

Re-test Date: Dec 2026

**Product Name: Lamotrigine 3-3 Dimer**

### Identification:

Chemical Name: 1,2,4-Triazine-3,5-diamine, N3,N3'-methylenebis[6-(2,3-dichlorophenyl) ; 3-[[5-Amino-6-(2,3-dichlorophenyl)-1,2,4-triazine-3-amino]methylamino]-5-amino-6-(2,3-dichlorophenyl)-1,2,4-triazine

Synonyms : Lamotrigine Dimer Impurity 1

CAS Number : 1797983-48-2

CAT Number : CP-L10012

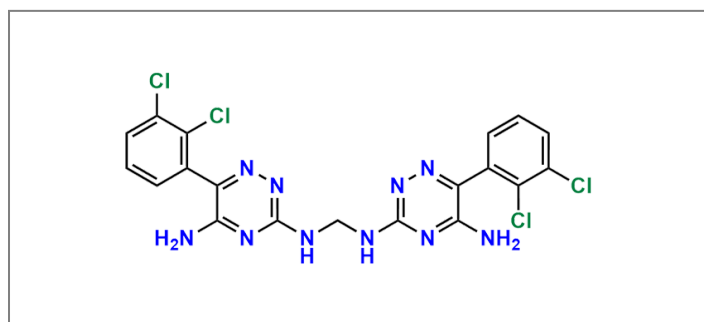
Molecular Formula : C<sub>19</sub>H<sub>14</sub>Cl<sub>4</sub>N<sub>10</sub>

Molecular Weight : 524.19

Batch Number : CHEM-LAM-DIM

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	Pale Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	95.31%
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.