



CERTIFICATE OF ANALYSIS

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1. Identification

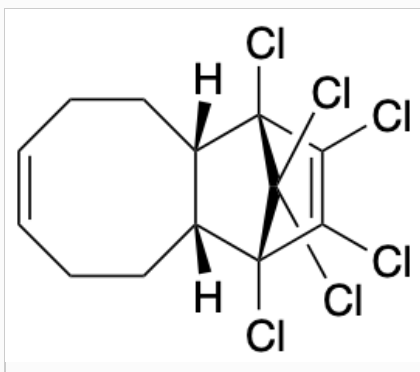
Catalogue Number: D226645

CAS Number: 10297-21-9

Product: Dechlorane Plus Monoadduct

Synonym: 1,2,3,4,11,11-Hexachloro-1,4,4a,5,6,9,10,10a-octahydro-1,4-methanobenzocyclooctene; (1 α ,4 α ,4 $\alpha\beta$,10 $\alpha\beta$)-1,2,3,4,11,11-Hexachloro-1,4,4a,5,6,9,10,10a-octahydro-1,4-methanobenzocyclooctene; rel-(1R,4S,4aS,10aR)-1,2,3,4,11,11-Hexachloro-1,4,4a,5,6,9,10,10a-octahydro-1,4-methanobenzocyclooctene; 1,10,11,12,13,13-Hexachlorotricyclo[8.2.1.0^{2,9}]trideca-5,11-diene; 1,2,3,4,11,11-Hexachloro-1,4,4a,10a-tetrahydro-1,4-methanobenzo-7-cyclooctene; 1,5-Cyclooctadiene-hexachlorocyclopentadiene Adduct; 1,5-DPMA

Structure:



Molecular Formula:

C₁₃H₁₂Cl₆

Molecular weight:

380.95

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 20-ZCA-41-2

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

| Tests: | Specifications: | Results: |
|--------------------|--------------------------|--------------------------|
| Elemental Analysis | Conforms | %C: 40.96, %H: 3.12 |
| Appearance | White to Off-White Solid | White to Off-White Solid |
| MS | Conforms to Structure | Conforms |
| NMR | Conforms to Structure | Conforms |
| GC Purity | Report Result | 98.74% |
| C NMR | Conforms to Structure | Conforms |

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

| Reviewed By | Reviewed By | C of A Approved By | Test Date | Retest Date |
|---|---|---|------------------|--------------------|
| Sarbjeeet Kaur | Toni Rantanen | Christina Gouliaras | 2/21/2024 | 2/19/2028 |
|  |  |  | | |