



CERTIFICATE OF ANALYSIS

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1. Identification

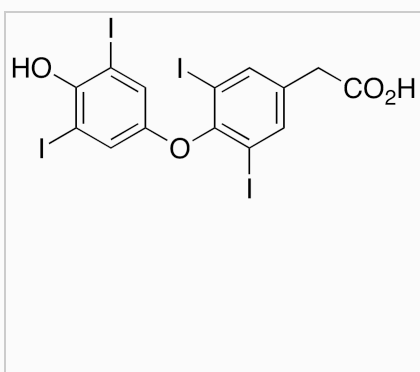
Catalogue Number: T296125

CAS Number: 67-30-1

Synonym: 4-(4-Hydroxy-3,5-diiodophenoxy)-3,5-diiodobenzeneacetic Acid; [4-(4-Hydroxy-3,5-diiodophenoxy)-3,5-diiodophenyl]acetic Acid; 3,3',5,5'-Tetraiodothyroacetic Acid; 3,5,3',5'-Tetraiodothyroacetic Acid; Tetrac; Levothyroxine EP Impurity D; T4-Acetic Acid (USP)

Product: 3,5,3',5'-Tetraiodo Thyroacetic Acid

Structure:



Molecular Formula:

C₁₄H₈I₄O₄

Molecular weight:

747.83

Source of Product:

Synthetic

Solubility:

DMSO (Slightly, Sonicated),
Methanol (Slightly, Sonicated)

Lot Number: 6-MBA-68-2

Purity: 96%

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

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Elemental Analysis	Conforms	%C: 22.47, %H: 1.43
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	96.30% (225 nm)
Appearance	White to Light Yellow Solid	Pale Yellow Solid

Additional Information: Contains: ~2.8% Methanol

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 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
Nicole Yip	Toni Rantanen	Chanell Chu	11/17/2021	11/15/2025
				