

Analysis Date: 25-09-2025

Re-test Date: 25-09-2028

LEVOTHYROXINE EP IMPURITY G | O-METHYL-T4-AMINE (USP)

Identification

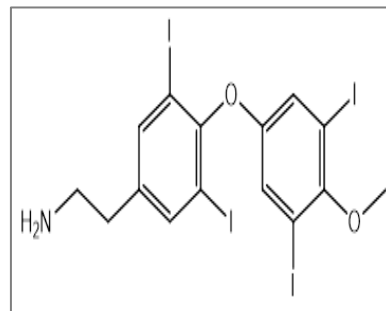
Chemical Name : 2-[4-(3,5-Diiodo-4-methoxyphenoxy)-3,5-diiodophenyl]ethanamine

CAT No : ALL-L07397

CAS No : 2230724-39-5

Molecular Formula : C₁₅H₁₃I₄NO₂

Molecular Weight : 746.89



Analytical Information

Batch Number : ALL-L07397

HPLC Purity : 98.00%

Solubility : MeOH: ACN

Potency : 95.71 %

Appearance of Product : Off White Solid

Mass : Confirm

Long Term Storage : 2-8 0C

IR Analysis : Confirm

Weight Loss By TGA : 1.483 %

¹H NMR : Confirm

Residue Of Ignition : 0.849 %

Additional Information

$$\begin{aligned} \% \text{Potency} &= [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = \\ &[100 - (1.483 + 0.849) \times 98.00] / 100 = 95.71\% \end{aligned}$$

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadase Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, ¹H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office

Allmpus Laboratories Pvt Ltd 38, Solitaire Industrial Estate, Plot No.TS-1, Near Nandi Palace Hotel, MIDC-Phase 1, Dombivli (E), Mumbai, Maharashtra 421203