



CERTIFICATE OF ANALYSIS

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1. Identification

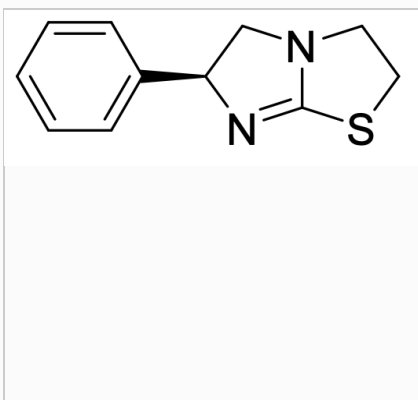
Catalogue Number: S222945

CAS Number: 14769-73-4

Product: (S)-2,3,5,6-Tetrahydro-6-phenylimidazo[2,1-b]thiazole

Synonym: (6S)-2,3,5,6-Tetrahydro-6-phenylimidazo[2,1-b]thiazole; (-)-2,3,5,6-Tetrahydro-6-phenylimidazo[2,1-b]thiazole; (-)-Levamisole; (-)-Tetramisole; (6S)-6-Phenyl-2,3,5,6-tetrahydroimidazo[2,1-b][1,3]thiazole; (6S)-6-Phenyl-2H,3H,5H,6H-imidazo[2,1-b][1,3]thiazole; (S)-(-)-Levamisole; (S)-6-Phenyl-2,3,5,6-tetrahydroimidazo[2,1-b]thiazole; 5: PN: WO2015086738 SEQID: 8 claimed sequence; Anthelsol; Ketrax; L-Tetramisole; Lepuron; Levamisole; Levamisole; Levipor; Levomol; Levomysol; Levovermax; Nilverm LV;

Structure:



Molecular Formula:

C₁₁H₁₂N₂S

Molecular weight:

204.29

Source of Product:

N/A

Solubility:

Chloroform (Slightly), Ethanol (Sparingly), Methanol (Slightly)

Lot Number: 2022-SAP-103

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:
Appearance	Off-White to Pale Yellow Solid	Pale Yellow Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 64.45, %H: 5.90, %N: 13.77
HPLC Purity	Report Result	98.95% (210 nm)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	-76.3° (c = 1.0, Chloroform)

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 ± 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	11/9/2022	11/7/2026
				