



Specification

trans-Zeatin

Catalog Number: ZE1001
CAS Number: 1637-39-4
Synonym(s): 6-(4-Hydroxy-3-methylbut-2-enylamino)purine, N⁶-(4-Hydroxy-3-methyl-2-buten-1-yl)adenine
Molecular Formula: C₁₀H₁₃N₅O
Molecular Weight: 219.24
Storage: ≤ -20°C
Retest Date: Two years from date of manufacture.

Test	Specification
Appearance	White to off-white powder
Assay (HPLC)	≥ 99%
Identification	To match reference spectrum
Melting Point	208°C – 214°C
Elemental Analysis	
C	53.68 – 55.88%
H	5.86 – 6.10%
N	31.30 – 32.58%
Moisture (LOD)	≤ 0.5%
Residue on Ignition	≤ 0.1%

Approved by:

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