

Certificate of Analysis

Catalogue Number

KL-05-00078

Lot Number

KLP0119AK01

Product Name

Caffeine D9

Synonyms

1,3,7-tris(methyl-d3)-3,7-dihydro-1H-purine-2,6-dione

CAS Number

72238-85-8

Molecular Formula
 $C_8H_9N_4O_2$
Molecular Weight

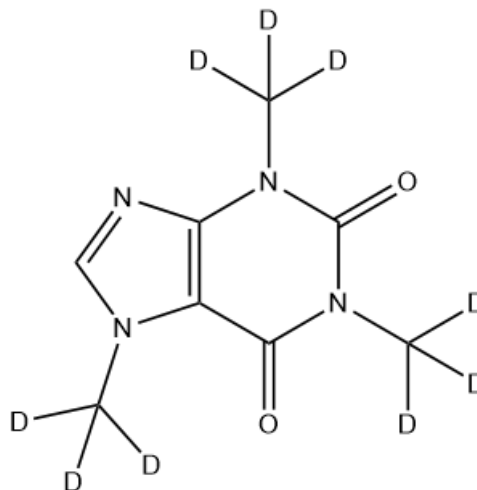
203.25 g/mol

Mfg. Date

22-11-2025

Re-Test Date

21-11-2027

Structure

Shipping Condition

All Product are stable to be shipped at room temperature, unless otherwise specified.

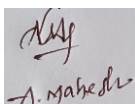
Long Term Storage Conditions

2°C ~ 8°C Protected from light and Sealed

Analytical Information

Test	Specifications	Results
Appearance	Off White Solid	Off White Solid
Purity by HPLC	Not less than 95.00%	99.95%
Isotopic enrichment (by MS)	Not less than 95%	98.17%
Identification by 1H NMR	Conforms to structure	Complies
Solubility	Soluble in DMSO, Methanol	Confirms

Prepared by



Reviewed & Approved by



Note: Use for research & analytical purpose only. Not for human consumption

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