



CERTIFICATE OF ANALYSIS

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1. Identification

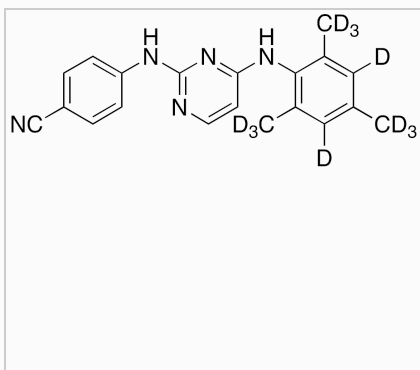
Catalogue Number: D185502

CAS Number: 1329613-10-6

Product: Dapivirine-d11

Synonym: 4-[[4-[(2,4,6-Trimethylphenyl-d11)amino]-2-pyrimidinyl]amino]benzotrile; R 147681-d11; TMC 120-d11; TMC 120R147681-d11;

Structure:



Molecular Formula:

C₂₀H₈D₁₁N₅

Molecular weight:

340.47

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 4-VCP-150-4

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:
Appearance	Pale Brown to Light Brown Solid	Pale Brown to Light Brown Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.67% (290 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	98.8%
FT-IR	Conforms to Structure	Conforms

Additional Information:

Normalized Intensity: d0 = 0.00%, d1 = 0.00%, d2 = 0.00%, d3 = 0.00%, d4 = 0.00%, d5 = 0.00%, d6 = 0.00%, d7 = 0.00%, d8 = 0.00%, d9 = 0.00%, d10 = 12.84%, d11 = 87.16%,

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

Nicole Yip

Reviewed By

Toni Rantanen

C of A Approved By

Chanell Chu

Test Date

5/18/2022

Retest Date

5/16/2029