



CERTIFICATE OF ANALYSIS

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1. Identification

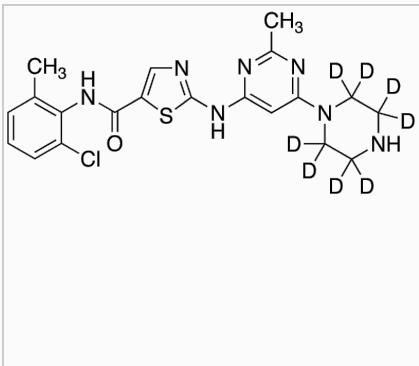
Catalogue Number: D290002

**CAS
Number:** 1189998-96-6

Product: N-Deshydroxyethyl Dasatinib-d8

Synonym: N-(2-Chloro-6-methylphenyl)-2-[[2-methyl-6-(1-piperazinyl-d8)-4-pyrimidinyl]amino]-5-thiazolecarboxamide; Dasatinib Metabolite M4-d8;

Structure:



Molecular Formula:

C₂₀H₁₄D₈CIN₇OS

Molecular weight:

452

Source of

Solubility:
DMSO (Slightly), Methanol (Slightly)

**Lot
Number:** 6-JHY-14-1

Purity: 97%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1: Not Determined

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	Off-White Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	98.0%
Elemental Analysis	Conforms	%C: 52.89, %H: 4.46, %N: 21.47
HPLC Purity	>95%	98.65% (325 nm)

TLC Conditions: SiO₂; Dichloromethane : Methanol : Ammonium Hydroxide = 8 : 2 : 0.1; Visualized with UV and AMCS; Single Spot, R_f = 0.35. Elemental Analysis: (Theoretical) %C: 53.14, %H: 4.91, %N: 21.69 Normalized Intensity: d₀ = 0.00%, d₁ = 0.52%, d₂ = 0.00%, d₃ = 0.00%, d₄ = 0.00%, d₅ = 0.07%, d₆ = 0.21%, d₇ = 11.66%, d₈ = 87.55%

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. 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	Eric Beaton	My Nguyen	11/1/2019	10/30/2029