

1. Identification

Catalogue Number

M745003

Lot Number

6-RGP-109-3

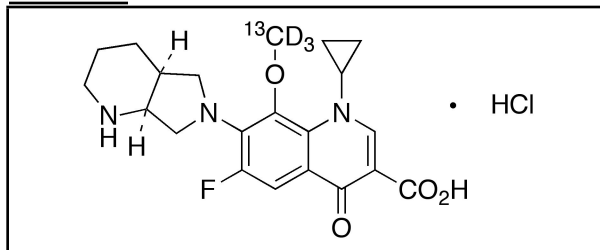
Product Name

Moxifloxacin Hydrochloride-13CD3

Synonyms

1-Cyclopropyl-6-fluoro-1,4-dihydro-8-methoxy-7-[(4aS,7aS)-octahydro-6H-pyrrolo[3,4-b]pyridin-6-yl]-4-oxo-3-quinolinecarboxylic Acid-13CD3 Hydrochloride; BAY-12-8039-13CD3; Actira-13CD3; Avalox-13CD3; Proflox-13CD3;

Structure



CAS Number

1246816-75-0

Solubility

DMSO (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₂₀¹³CH₂₁D₃FN₃O₄ • HCl

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

405.45 + 36.46

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

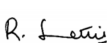
Tests	Specifications	Results
Appearance	Pale Yellow to Yellow Solid	Pale Yellow to Light Yellow Solid
NMR	Conforms to Structure	Conforms
F NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 54.23, %H: 5.87, %N: 8.93
HPLC Purity	>95%	99.81% (295 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	99.9%

Additional Information

Normalized Intensity: d₀ = 0.06%, d₁ = 0.03%, d₂ = 0.09%, d₃ = 0.00%, d₄ = 99.83%

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
			7/8/2024	7/6/2028
Swathi Reddy	Toni Rantanen	Chanell Chu		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		