



CERTIFICATE OF ANALYSIS

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1. Identification

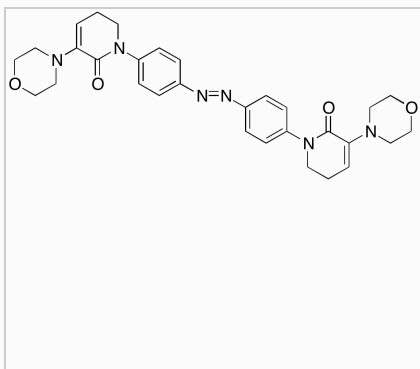
Catalogue Number: B581255

CAS Number: 1998079-15-4

Product: Bis(3-morpholino-5,6-dihydropyridine)diazene Apixaban

Synonym: Apixaban Impurity 16; 5-Acetyl-1-(4-methoxyphenyl)-4-(2-((4-(2-oxopiperidin-1-yl)phenyl)amino)ethyl)-1H-pyrazole-3-carboxamide

Structure:



Molecular Formula:

C₃₀H₃₄N₆O₄

Molecular weight:

542.64

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 2-ZMO-145-2

Purity: 98%

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

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Light Orange to Orange Solid	Orange Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 64.82, %H: 6.24, %N: 15.09
HPLC Purity	Report Result	99.06% (362 nm)

Additional Information: Contains: ~2.0% Dichloromethane

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
Nicole Yip	Toni Rantanen	Christina Gouliaras	8/25/2022	8/23/2026