



## CERTIFICATE OF ANALYSIS

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### 1. Identification

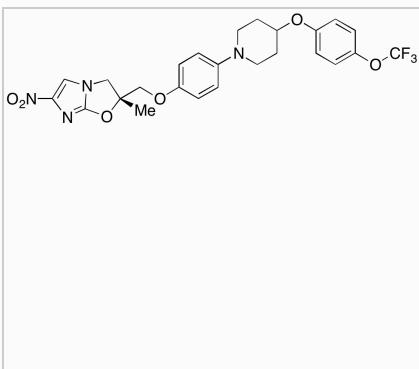
**Catalogue Number:** D230660

**CAS Number:** 681492-22-8

**Product:** Delamanid

**Synonym:** (2R)-2,3-Dihydro-2-methyl-6-nitro-2-[[4-[4-[4-(trifluoromethoxy)phenoxy]-1-piperidinyl]phenoxy]methyl]-imidazo[2,1-b]oxazole; OPC 67683

**Structure:**



**Molecular Formula:**

C<sub>25</sub>H<sub>25</sub>F<sub>3</sub>N<sub>4</sub>O<sub>6</sub>

**Molecular weight:**

534.48

**Source of Product:**

N/A

**Solubility:**

Chloroform (Slightly), Ethyl Acetate (Slightly)

**Lot Number:** 2022-GHZ-038

**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

<b>Tests:</b>	<b>Specifications:</b>	<b>Results:</b>
Appearance	White to Light Beige Solid	Off-White to Pale Yellow Solid
NMR	Conforms to Structure	Conforms
F NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 55.94, %H: 4.68, %N: 10.53
HPLC Purity	Report Result	99.92% (205 nm)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	-9.7° (c = 0.5, Chloroform)

**Additional Information:** N/A

**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

<b>Reviewed By</b>	<b>Reviewed By</b>	<b>C of A Approved By</b>	<b>Test Date</b>	<b>Retest Date</b>
Nicole Yip	Toni Rantanen	Chanell Chu	10/28/2022	10/26/2026