



CERTIFICATE OF ANALYSIS

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1. Identification

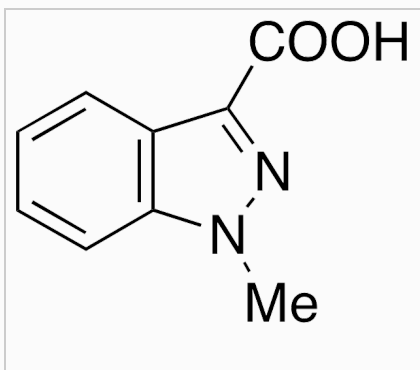
Catalogue Number: M313455

CAS Number: 50890-83-0

Product: 1-Methylindazole-3-carboxylic Acid
(Granisetron Impurity D)

Synonym: 1-Methyl-1H-indazole-3-carboxylic Acid; 3-Carboxy-1-methylindazole; Granisetron EP Impurity D;

Structure:



Molecular Formula:

C₉H₈N₂O₂

Molecular weight:

176.17

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol
(Very Slightly)

Lot Number: 3-ABY-64-1

Purity: 98%

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 | White to Off-White Solid | White to Off White Solid |
| NMR | Conforms to Structure | Conforms |
| HPLC Purity | Report Result | 100.00% (205 nm) |
| MS | Conforms to Structure | Conforms |

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 $\pm 2\%$. 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 |
|---|---|---|-----------|-------------|
| swathi reddy | Toni Rantanen | Chanell Chu | 1/15/2024 | 1/13/2031 |
|  |  |  | | |